

<211> 564

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (376)..(556)

<223> n=unknown

<400> 2347

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gttactgcaa caaggaggtta tacaataagg agaatctttt caacagcctg aactatgatg      120
ttgcagccaa gaagagaaaag aaggacatgc tgaatagcaa aacaaaaact cagtatttcc      180
accaagaaaa atggatctat gttcacaaaag gaagtactaa agagcgccat ggatattgca      240
ccctggggga agctttcaac agactggact tctcaactgc cattctggat tccagaagat      300
ttaactacgt ggtccggctg ttggagctga tagcaaagtc acagctcaca tccctgagtg      360
gcatcgccca aaagancttc atgaatatTT ttgaaaaagt ggtactgaaa tccttgaaga      420
ccagcaaaac attagactaa taagggaact actccaganc ctctacacat ccttatgtac      480
actggtccaa agagtcggca agtctgtgct ggtcgggaac attaacatgt ggggtgtatcn      540
gattgagacg attctnccac tggc                                             564
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<210> 2348

<211> 505

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (422)..(422)

<223> n=unknown

<400> 2348

ggccaaggaa gtcagcttct cagagctcaa gaggttctgt tttaactgtg aatggtaaaa	60
ctgagaacta tatcctggat actacacctg gctcccaagc atctctgata tgtgctgttc	120
aaaaccacac cagagaggaa gaactgctct ggtaccgaga ggaggggaga gtggatttga	180
aatctggaaa caaaatcaat tccagctctg tctgtgtctc ttccatcagt gaaaatgaca	240
acggaatcag ctttacctgc aggctgggga gggatcagtc cgtgtccgtt tcggtggtgc	300
tgaatgttac ttttcctcct ctccctaagt gaaacgactt ccaaacagtt gaggaaggca	360
gtaatgtgaa gttggtttgc aatgtgaaag ccaaccccca ggctcaaata atgtggtaca	420
anaacagtag tctcctcgat ttagagaaaa gccgtcacc aaatccaaca gacaagtgag	480
tcttttcagc tgtcaatcac caaag	505

<210> 2349

<211> 457

<212> DNA

<213> homo sapiens

<400> 2349

attcggctgc ctgcctgccc gcctgcttgc tctctggctg tgctcctgct taaagaaatc	60
agtccttctt ttccgactta gtcctcgga agaagtttca gactacaagg tatcattgga	120
acatttcaag atcatcaaat caaattccac agggattggt gaccaaccag aaggctcaga	180
catctgattg ctgacctgtc cagacatcat ctgggtctccc tgaacctgaa atcacaccat	240
ggatgatttt gagcgtcgca gagaacttag aaggcaaaag agggaggaga tgcgactcga	300
agcagaaaga atcgcttacc agaggaatga cgatgatgaa gaggaggagc ccgggaacgg	360
cgccgcgagc ccgacaggaa cggctgcggc agaagcagga ggaagaatcc ttggacaggt	420
gaccgaccag gtggaggtga atgcccagaa cagtgtg	457

<210> 2350

<211> 449

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (429) .. (429)

<223> n=unknown

<400> 2350

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ccttctcggg agtttcattt ctgctgtgtc attttgcatt cttctgcttg ggagcgacag      60
acttgcacat gttattgttg ggtcgaactc cttctgccgc tccagagcct cctgaaggcg      120
tttttggcgt ctttcctcac gccgagccag gcgctccagg aatgcggcct catcatcccc      180
ttccacttga gtgtttgttg tggttgtctt ggcctcctcg tcaggcacac tgttctgggc      240
attcactcca cctggtcggg cacctgtccc aaggattctt cctcctgctt ctgccgcagc      300
cgttcctgtc gggctcggcg gcgcgttccc gggctgtctc tttcatcat cgtcattcct      360
ctggttaagcg attctttctg cttcgagtcg catctcctcc ctcttttgcc ttctaagttc      420
tctgcgagnt caaaatatcc atggtgtga      449
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<210> 2351

<211> 297

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (289) .. (289)

<223> n=unknown

<400> 2351

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ggccattgtc aaagccatgg gcaacctgca gatcgacttt gccgaccctt ccagagcgga      60
cgacgccagg cagctatttg cactgtcctg caccgccgag gagcaaggcg tgctccctga      120
tgacctgtcc ggcgtcatcc ggaggctctg ggctgaccat ggtgtgcagg cctgctttgg      180
ccgctcaagg gaataccagc tcaacgactc agctgcctac tacctgaacg acctggagcg      240
tattgcacag agtgactaca tccccacaca gcaagatgtg ctacggaanc cgcgtaa      297
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<210> 2352

<211> 251

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (10)..(150)

<223> n=unknown

<400> 2352

ttccaggaan gngggcgtct caagccnctt gngctttttc ctttggggcc tccgagcggc 60

tggggctngg ggactgggca ggnccgggcan cgnnaanatt tggacttggg ctggggcagg 120

ggctggtgtt gggcaaagct ggggggtccan gctggagaag cagggggcccc tccagacgca 180

gccttgggag actcagcatg tgccccctc cctcatcac agaacaagac aatgggttaa 240

aaccagaaca g 251

<210> 2353

<211> 495

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (269)..(281)

<223> n=unknown

<220>

<221> misc_feature

<222> (438)..(438)

<223> n=unknown

<400> 2353

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tctatgggtt gtatgcatcc tttttcccag ccataatcta ccttttcttc ggcacttcca	120
gacacatata cgtgggtccg ttcccgattc tgagtatgat ggtgggacta gcagtttcag	180
gagcagtttc aaaagcagtc ccagatcgca atgcaactac tttgggattg cctaacaact	240
cgaataattc ttcactactg gatgacgann ngntgangnt ngcggcgggc gcatcagtc	300
cagtgccttc tggaatcatc cagttggctt ttgggattct gcggattgga tttgtagtga	360
tatacctgtc tgagtccctc atcagtggtt tcaactactgc tgctgctgtt catgttttgg	420
ttcccaactc aaattcantt ttcagttgac agtcccgtca cacactgatc cagtttcaat	480
ttcaagtact atact	495

<210> 2354

<211> 494

<212> DNA

<213> homo sapiens

<400> 2354

aaattatgag attcaaaaaca gtggcgccac tatactgcta aacctatgca tgaaggtagt	60
gactaggatg gaaatctgtc agtgctacaa aaatatgtat gaacaaaata attttcaccc	120
tttgataaag ctacaagata taaaatttag aatacttata taatttcata ctagatatgt	180
gaaaaatatg ccatgctaga accatcttgt tccaaagttt gaaacatatt ctgtcaaaaa	240
tactcttcgt acaatgtatg aacttatcaa taactttctg ggtataaagt tgtttttatg	300
tcatagtcag atgaagatcc ttctgaatta tatgttgatt agaattttgt ttcaactggc	360
acctcatata cccgattacg taatcctcca tttgtattta tggtaaaatc caatttttcc	420
atctttttcc tgactgggat taaactttga agtactgtaa tcttccttca tcaaaatatg	480
caaaacagca tcat	494

<210> 2355

<211> 367

<212> DNA

<213> homo sapiens

<400> 2355

cacagagcaa ggagagaacc tgaggattcc tcacacatgt agtactcaga gctctacgga	60
aaccaggca cctcgacctc aagaggatca gcctggccag ggtggcacia ctcttccttc	120

cccgtgcaca gcaggaaagc tgccatcagc tgagcaagtc caccaacagt ttctgtgtcc	180
cacttcatct ttaataagga caccatcttc ttgtattata caagaaagga gtgtacctat	240
cacacacagg gggaaaaatg ctcttttggg, tgctaggctc ctaatcctct gtggtttctg	300
tggactcgta aagggaaact aaagattgaa gacatcactg gtaagtacat tttatccctg	360
gatgtga	367

<210> 2356

<211> 556

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (27) .. (30)

<223> n=unknown

<400> 2356

acttaacatt cacaagttac tgtaaangnn ggggaccata agcatggggc aggccacggt	60
aaagatcatt ttgaatgggc aagtctttca atttccctta catcacacca agcaggcaaa	120
gcctaaatac agggcaggac ttgcctatgt gatgtaccat tccagccctc cttttcaaag	180
aaaacttgag cagggaccct gggataccac cagcgatggt gggactccct tttgcaatcc	240
aaataagcac gatctaaatg agtccagggt ggagcagata aggaatgggg ttgaaaagga	300
gatgtgttct tgaaatcggc caatttcata gcctggagga gacatttgtg gttagctgag	360
tcacactgcc ttgggattag ccagctctgc tttctgtttc aacaataaaa agtcttgcaa	420
agctgctggc atgtgagaca gaggtatcca gaaaattttg gcatcttttc cagcggcata	480
atgagtctta gggaagagac ttgttagagc gtggtccatg cactctacca ccggagagag	540
gtccatgttc acatag	556

<210> 2357

<211> 393

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (54)..(68)

<223> n=unknown

<220>

<221> misc_feature

<222> (348)..(389)

<223> n=unknown

<400> 2357

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gagcatcttc agcgggagag tccccggctc ctccagctcc ttctctctct tccntctctc 60
cctccaanct ccggcttttg ggggatcatg tctctctctg gcagcagaat gagccggcaa 120
gtggtccgtc caacaagttc cgccactgtt tggacagccg gccaaaggccg accagtgtta 180
tgaagatgtg cgcgtctcaa cagaccacct gggacagtgg cttctgtgct gtcaacccta 240
agtttgtggc cctgatctgt gaggccagcg ggggaggggc ttcttggtgc tgccccctggg 300
caagactgga cgtgtggaca agaatgcgcc cacggtctgt ggccacanaa gcccctgtgc 360
tagacatgcc tggtgcccg cacaatgacna cgt 393
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<210> 2358

<211> 278

<212> DNA

<213> homo sapiens

<400> 2358

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gccatgtggc tgggaatggg aggtgagtgg atgggtgtga atggctgacc ctgctggagg 60
ccctgcgggg ctctacttgg cctggactgt ctctccagc ctgtccaagc gcttctggag 120
ctctgcacc gtggcctgga gcttccgcat ctctctctcc agccgagaca cggcatccga 180
gctgggagtg ccaactggct ctggtgctgc cctctgcgc ccggtgtcca ggccccgggt 240
gaccctcagc tcccggctct ttgggggtac gtagccat 278
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<210> 2359
<211> 218
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (78)..(93)
<223> n=unknown

<220>
<221> misc_feature
<222> (212)..(217)
<223> n=unknown

<400> 2359
gaaatataca aatgataaat ccaagtgtgg gaacagcagt aatgaacttt aaagaagaag 60
caaaggcact aggggtgnnn cagatnatgn ttngattgat gcacattggt tttggaattg 120
ttttgtgttt aatatccttc tcttttagag aagtattagg tttgcctct actgctgta 180
ttggtggata cccattctgg ggtggccttt cntttant 218

<210> 2360
<211> 392
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (33)..(390)
<223> n=unknown

<400> 2360
 acaaatatcc atcaatagga taaacagcaa tanattctta aaatggaata gtatgcaaaa 60
 tgaaaataca ctactgccac atgcaataat gtacagatct taaaaaattg agtgaaataa 120
 gcnanacaca aaatnattca tgntgtctga taaaatatat atttataaaa ttgnaaacat 180
 gcanaaacta cgttttgatg ttataggcta cggaagtgga nactcttagg taagtancaa 240
 ctaactgctt tttattacag ngtgcaatga gaaatatngt tcataaatan tntctcttat 300
 ggagattnat acttanaatc attgtgtatc ntgtcnctgc atgtattata taagtatttt 360
 taaaaaanaa actatttnag tcagtaggan ga 392

<210> 2361

<211> 492

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (416)..(416)

<223> n=unknown

<400> 2361
 tctgctcagc ctggtgaacc acacaggccc gagtttcacc cagtccccac tccacggtgc 60
 agctgcggct tatctctcag cccagcgaga tgccagcctt cctgtcccgg gccagcgctc 120
 tgacatgcag aaggtgaccc tgggcctgct tgtgttcctg gcaggctttc ctgtcctgga 180
 cgccaatgac ctagaagata aaaacagtcc tttctactat gactggcaca gcctccaggt 240
 tggcgggctc atctgcgctg gggttctgtg cgccatgggc atcatcatcg tcatgagtgc 300
 aaaatgcaaa tgcaagtttg gccagaagtc cggtcaccat ccaggggaga tccaactctc 360
 atcaccccag gctcagccca aagctgatga ggacagacca gtgaaattgg gtggangacc 420
 gttctctgtc ccaggtcctg tctctgcaca gaacttgaac tccaggatgg aattcttctc 480
 cctctgctgg ga 492

<210> 2362

<211> 460

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (351)..(437)

<223> n=unknown

<400> 2362

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agaccctctt gcgagaggtg agatgaggcc ctgccatgca aaggagtccc agcagaggag      60
gaagaattcc atcctggagt tcaagtttct gtgcagagac aggacctggg gacagagAAC      120
ggtcctccac ccaatttcag ctggtctgtc ctcacagct ttgggctgag cctggggtga      180
tgagaggtgg agtctccctt ggatggtgac cggacttctg gccaaacttg catttgcatt      240
ttgcactcat gacgatgatg atgcccattg cgcacagAAC cccagcgcag atgagcccgc      300
caacctggag gctgtgcagt catagtagaa aggactgttt ttatcttcta ngtcattggc      360
gtcaggacaa ggaaacctgc aaggaacaca agcaggccca ggtcaccttc tgcattgtcag      420
agcgtggccc gggacangaa ggctggcatc tcgcttgggc      460
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<210> 2363

<211> 522

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (422)..(490)

<223> n=unknown

<400> 2363

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aagaaatcca caaagactca cagtctgctg gtgggcagag aagacagaaa cgacatgagc      60
acagcaggaa aagtaatcaa atgcaaagca gctgtgctat gggaggtaaa gaaacccttt      120
tccattgagg atgtggaggt tgcacctcct aaggcttatg aagttcgcat taagatgggt      180
```

gctgtaggaa tctgtcgcac agatgaccac gtggttagt gcaacctggt gacccccctt	240
cctgtgattt taggcatga ggcagccggc atcgtggaga gtgttggaga aggggtgact	300
acagtcaaac caggtgataa agtcatcccg ctctttactc ctcagtgtgg aaaatgcaga	360
gtttgtaaaa acccgagag caactactgc ttgaaaaatg atctaggcaa tcctcggggg	420
ancctgcagg atggcaccag gaggttcacc tgcaggggga agcccattca ccactttcct	480
tggcaccagn acttcttccc agtacacggt ggtggatgag aa	522

<210> 2364

<211> 359

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (134)..(172)

<223> n=unknown

<220>

<221> misc_feature

<222> (288)..(359)

<223> n=unknown

<400> 2364

atatgaaata gaatgtagat attgcaacaa tagcattttt ggagacagct acctccttta	60
ccaggaataa tctttgcatg tcacatttag agataaagct caaaatgcaa atccttcccc	120
tgagagtggg aaancattaa caaatgagag tgggaaaagc attaacaaag cnttaacaca	180
ggtctttaca tattcaaaat attaaactaa tgctaggatt atagacttga ttttaagaca	240
tggtagttaa tagaaaagtt ctagattgaa aacaattttg caaaaatnta catttgtnta	300
tgtgtatata tgtatgtgna natatanntc tactagggaa atatagtgct taaggggtgn	359

<210> 2365

<211> 565

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (499)..(499)

<223> n=unknown

<400> 2365

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gcctccggag cgttgacaca cctacctgcc cggccgactt acctgtactt gccgccgtcc      60
cggctcacct ggcggtgccc gaggagtagt cgctggagtc cgcgcctccc tgggactgca      120
atgtgccggt cttagctgct gcctgagagg atgtctgggg tgtccgagcc cctgagccga      180
gtaaagttgg gcacattacg ccggcctgaa ggccctgcag agcccatggg ggtggtacca      240
gtagatgtgg aaaaggagga cgtgcgtatc ctcaaggctc gcttctatag caacagcttc      300
aatcctggga agaacttcaa actgggtcaa tgcactgtcc agacggagat ccgggagatc      360
atcacctcca tctgtctgag cgggcggtac gggcccaaca tccggttggc tgagtgttat      420
gggctgaggc tgaagcacat gaagtccgat gagatccact ggctgcaccc acagatgaca      480
gtgggtgaag tgcaggacna gtatgagtgt ctgcacgttg aagccgatgg agtatgactt      540
caatccgtac ttgcagagct tcatg                                           565
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<210> 2366

<211> 435

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (117)..(422)

<223> n=unknown

<400> 2366

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aaatagaaag aagttaaaag aatgtttatg caaacacatg agaaaagaag ggtgcagatg      60
```



```

agaatggggg ttggggagag aaagaggagg agtaagaaaa gagggaaaag caagggnaag      120
taaaggaaga aagagaaaga ggggcaggaa gagagcggat ttggccaag gtcctatctt      180
ggccgcanct ctctgcnnct tccccctgat gcttggtntg ttgacaacac agcancngt      240
gccnggactc ccaatnagct tgttcctgga ctgtgccccca ggnccctccct caggagggca      300
catnctgtca gtccagacca aactcacatt aaataaattt caatatacac tgtacaagaa      360
tgccaggccc ancccnctc tcacnngntn cctgancccc aaaacaaaagc tcctccccag      420
cntctctgtg catca                                                    435

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<210> 2367

<211> 488

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (28) .. (28)

<223> n=unknown

<220>

<221> misc_feature

<222> (147) .. (184)

<223> n=unknown

<220>

<221> misc_feature

<222> (349) .. (349)

<223> n=unknown

<400> 2367

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gactcagtct ccagtctccc tgcccgtnac ccctggagag ccggcctcca tctcctgcag      60
gtctagtcag agcctcctcc atagtgatga atacaactat ttggattggt acctgcagaa      120
gccagggcag tctccacagc tcctgancta tttgggttct aagcgggcct ccgggggtccc      180

```

tganagggttc agtggcagcg gatcaggcac agattttacc ctgaaaatca gcagagtgga	240
ggctgaggat gttgggggttt attactgcat gcaatctcta caaactccat acacttttgg	300
ccaggggacc aagctggaca tcaaacgaac tgtggctgca ccatctgtnt tcatcttccc	360
gccatctgat gagcagttga aatctggaac tgctctgttg tgtgctgct gaataacttc	420
tatcccagag aggccaaagt acagtggaag gtggataacg cctccaatc gggtaactcc	480
caggagag	488

<210> 2368

<211> 533

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (431)..(509)

<223> n=unknown

<400> 2368	
aaagatgagc tggaggaccg caataggggt aggtcccctg tggaaaaagg gtcagaggcc	60
aaaggatggg aggggggtcag gctggaactg aggagcaggt gggggcactt ctccctctaa	120
cactctcccc tggtgaagct ctttgtgacg ggcgagctca ggccctgatg ggtgacttcg	180
caggcgtaga gtttgtgttt ctctagtct gctttgctca gcgtcagggt gctgctgagg	240
ctgtagggtgc tgctcttgct gtctgtctct gtgacactct cctgggagtt acccgattgg	300
agggcgttat ccaccttcca ctgtactttg gcctctctgg gatagaagtt attcagcagg	360
cacacaacag aggcagttcc agatttcaac tgctcatcag atggcgggaa gatgaagaca	420
gatggtgcaa ncacagttcg tttgatgtcc aacttgggtcc cctggccaaa agtgtatgga	480
gttgtaagag anttcatgca gtaataaanc ccaacatcct cagcttcaat ctg	533

<210> 2369

<211> 496

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (446)..(486)

<223> n=unknown

<400> 2369

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ggcctatggc catgagatac ccctgaggaa cgggaccctg ggtggctcct ttgtctcccc      60
cagccccctc tccaccagca gccccatcct cagtgtgtgac agcacttcag tggggagttt      120
cccgtcggga gagagcagtg accaggggtcc ccggacgccc acccagcctc tgttggagtc      180
tggtctccgc tcaggcagcc tgggacagcc cagcccgtct gccagagaa actaccagag      240
ctcttctcct ctcccgaactg tgggcagtag ctacagcagc cccgactact cacttcagca      300
tttcagctcc tctccggaaa gccaggctcg agctcagttc agtgtggctg gcgtccacac      360
ggtgcctggg agccctcagg cggccacaga acagtgggca caacactccc ctagtctggt      420
tcgcggcggg catcaatcca gcatgntgcc ccagagtcca gttgagcata cagatgtggt      480
cacagnatgc ttcatg                                         496
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<210> 2370

<211> 269

<212> DNA

<213> homo sapiens

<400> 2370

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aaaattcagt aaatatggta atataggaac aaacttaggc tcataagcct tttaactttt      60
tacataatct ttaatgatgt tgatcaggaa attctttcat tggtggaatt acttctccag      120
tctccagaat tgtatcacca gggaaatattc tggacttctt ttcaactatg ccatatgggt      180
tttcagaaac atgatacttc atgtaataat gaataatcca gacaggtaca agtacatgag      240
tgaaaacaaa gatactcttt ttgtatacc                               269
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<210> 2371

<211> 567

<212> DNA

<213> homo sapiens

<400> 2371

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caaaaattgg ctaggcattt caaatgtgat acaataaaat attaacacaa aagtaatttc      60
tatttataaa atttaaaatg gcagggtttc tgtgtgacgt ttgagtttga gatgatttga      120
ctggcatgag gcccatcatt gggaggtaaa aattacagca caaagaaaac taagcagggtg      180
catatgaggt attgtctctt tatgtctcatc aaaaaataat ctccaaaaga aaagttaaaa      240
aaattattgt tataaattgc atgaaataca tagtgggctc gattcatagc ccccggtccgt      300
atctatatct ctatatctat agagacataa cttctttctt cgtaagttat gtatgtctac      360
ttctacctgt gttatcataa taaagggtgc atgatgatac aggtggaggt agaaatatat      420
aacttatctc ttcataaggg ctaaaatgag aactaaaagt aatgagaatt cagttgaata      480
tgattaatta tcaggatatg ttaattagtt ctcttgatgc ttactgtgga tggcaaagta      540
tgtgacgtat tttaaacatt ttataat                                          567
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<210> 2372

<211> 518

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (378)..(378)

<223> n=unknown

<400> 2372

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atatttctct gttgttgcca ggttaccttc tgcttttaaa ttgccatctt gtaaagtgta      60
tgtggttctt aagtgccagg gagatcagcc ttgccatga aggttgcata tgtgtgggtat      120
atagttttta cctgaaagcc tgagctttct cttattccta aagtgggtggc aaaagaatga      180
actgggtatg accctgcccc cttactgggc ttggatattg aggaccagac gctgccaaat      240
ctaggacaag acagaccatc aaagcagact tttgtgggct cctctttggg gtgaccactg      300
ctttcaaagc catctgccaa ggctctccag ggcaggacct gactgggtggg gaatgagtgt      360
```

tcagaagcct tgggagangc caaagagcca ttctagcatg atctgagaaa accttcctgc	420
agaggccaga aaccttgagc ttaggtgcct ggggaccagc ttctgacatt ctctccagtt	480
tctgattcta atttttgcc a cgtgtcacaa cttttcca	518

<210> 2373

<211> 352

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (4)..(6)

<223> n=unknown

<220>

<221> misc_feature

<222> (322)..(322)

<223> n=unknown

<400> 2373	
attngnttct gttcatcagc aaaaagcttt attggctcca acaaattatc ccttttaaaa	60
ctcctcttct tcttctgggc tcagtggaac aacacatttg aatttcagat ttgcagttta	120
tagcattttt tttccctaag aaccatataa atacatgcaa aaccttgtag atagagctta	180
aataatatca aaatgcaa atagattggg tgcactgtta agccgaattg caaattatgg	240
caacacacac tggactgggg gaaacggtgc tttgataaca ccatttgttt gtttatgtca	300
tgcagaccac aatagtcaat cntttggttt tcttttttgg acaaaaatac ca	352

<210> 2374

<211> 351

<212> DNA

<213> homo sapiens

<400> 2374
 ccgaccggag ccagccggtc tgtgaggcat gtcacgctgg gtcccgggtca aagtccactg 60
 tccagagaag tcattcttctt aggccttgc cctgcctgtc cagaggcatg gggctcgcca 120
 gaacctggcc cagcagagtc ttctgcagat atggacggat cagggaggca cagcacattt 180
 ggctgcagac aatttcatgc tgaaaaggag attatttttc agggcccat ttctgctgca 240
 gggaagggtg gtgattattt tgcaacagaa gagtcagtgg gtaccagac ttctgtcagg 300
 caactccagt taggcctaa agaagggttc agtgggcaa tccagttcac a 351

<210> 2375

<211> 457

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (410)..(410)

<223> n=unknown

<400> 2375
 tgtagggaac aggagtttag caaaatcagc ttcttagatg atgtcattct aaatatacat 60
 cttaacaaaa caatatcaaa accaccagta ggaaactgaa aaacactcag tgagtactgt 120
 tttgtctcag taacaataaa tacaaaaaga ctggttggtg tccggcccca tccaaccagc 180
 aagttgattt ctcttggtg cagagtgact gattttaag gacatggagc ttgtcacaat 240
 gtcacaatgt cacagtgtga agggcacact cactcccgcg tgattcacat ttagcaacca 300
 acaatagctc atgagtccat acttgtaaact acttttggca gaatacttct tgaaacttgc 360
 agatgataat taaggttcca agatatttcc caaagtaaact agaagtgggn cataatatta 420
 attacctgtt cacatcagct tccattttac aagtcac 457

<210> 2376

<211> 400

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (65)..(171)

<223> n=unknown

<400> 2376

```
taggaacaca gtccacattc aagttgagga acagtggatc ttttaagagct gacctttggg    60
gtganctggg aaaaggggga agatggctaa gcatggagag aaacgaggca agagacaagc    120
tatgattaca acaccgnttt cagccccctg gccctcaata gcacacaanc nacatatcag    180
ctttctgaag agaaggaact actgttttagt gtcctcact ttgcaatggt gtgctacgcc    240
agaattttctc cagttttttt cattatcatc cccctgagaa aaaaattaca ttgaatttaa    300
attttccta ataagagaaa ttaaatatga aagaatagga tttgttgggt aagattgagc    360
tttgaaggt cacgaacat tattctatct aaggtgtgtg    400
```

<210> 2377

<211> 223

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (185)..(185)

<223> n=unknown

<400> 2377

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ttacaaaaat atgccaccgt ctggtacaaa caactataaa aaatcagttc atcatgcaag    60
aaaagtgtgc aaataattta tacagaagga ctcagctcac acaatattaa ataaacatct    120
ctgcatgtaa ttggtctaac tttatgcttt agttacaatg ttcaaccccc tctaatactt    180
ttcanttaaa aaagtacatt aaagcttcta agcttaggac aca    223
```

<210> 2378

<211> 421

<212> DNA

<213> homo sapiens

<400> 2378

```
atggagatga ccaccatcag ctccaggctt ctatcctgct aaccagtaa cccagtggga 60
agagatttac ttattccaat aattccaagt ggagagtgtc attgaccgtt ttgggggtctc 120
atctctactt ctaggggaat gaaacactct gagtggccag gcctgtgtca tgtgctaatt 180
cctagagcca gggaaataag gtctgaggat tcaggatggg gtgaaagggtg gttgcttaaa 240
ggaaaatgaa atacaattag cagaataagg ggaaacgagt ggtctgctct gctcgggcaa 300
aacaagagat gccattact gtgagggacc cttgaagtct ggactcttaa atgggttttt 360
gctgatttcc tgggtgcatg ctaggatgat ggggcttgat gcagtaggga agagacgatg 420
t 421
```

<210> 2379

<211> 393

<212> DNA

<213> homo sapiens

<400> 2379

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ctactgcac aagccccatc atcctagcat gcaccagga aatcagcaaa aaccatttta 60
agagtccaga cttcaagggt ccctcacagt aatgggcac tcttgttttg cccgagcaga 120
gcagaccact cgtttccctt tattctgcta attgtatttc attttccttt aagcaaccac 180
ctttcacccc atcctgaatc ctcagacctt atttccttgg ctctaggaat tagcacatga 240
cacaggcctg gccactcaga gtgtttcatt ccctagaag tagagatgag accccaaacg 300
ggtcaatgac actctccact tggaattatt ggaataagta aatctcttcc cactgggtta 360
ctgggttagc aggatagaag cctggagctg atg 393
```

<210> 2380

<211> 159

<212> DNA

<213> homo sapiens

<400> 2380
 cgacgccggc gtgatgtggc ttccgctggg gctgctcctg gctgtgctgc tgctggccgt 60
 cctctgcaaa gtttacttgg gactattctc tggcagctcc ccgaatcctt tctccgaaga 120
 tgtcaaacgg cccccagcgc ccttggtaac tgacaagga 159

<210> 2381

<211> 478

<212> DNA

<213> homo sapiens

<400> 2381
 acacgaacta caaagagacc ttctgtatgt ctgataccaa agacataact gaaaagtcac 60
 ttttcctaac cttgagcttg cattcaccta cctgtctaac cctcacatgt gctaattaac 120
 tgcaaatgcc atttctgggc ttacacacac ttccgtggct ttcccttttc tgatgtgact 180
 tcctccctt accccacacc tccctgcact gtccctgct gtgcccttgg ctggaatgcc 240
 ctgcagcctg cttcagccca gcaaagtatt catcttacca gtccatgccc tgactcctga 300
 tgtcaccctt cctgcatca ccttccctg tgtatttggg ggataaggct tgattgaggc 360
 tcaggtactg agtccctgct ggcacattga gaaccagctg ccaccccgat gataaggaag 420
 acagaccgg gacttccata tgaattggat atgatcatct gacatgcacc ctactaac 478

<210> 2382

<211> 514

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (81)..(81)

<223> n=unknown

<220>

<221> misc_feature

<222> (386)..(386)

<223> n=unknown

<400> 2382

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agcctccacc ctggcgatgg ctccctgggc ctactttctc tctcaaactg gctttttctc 60
attcctttga ctccgccaga nttcctcgcc cccatgacct ggtgttgtgt ctgatcacc 120
caacattcct ggctgcccaa tgtggggcaa tgaagacccc agtgaaggaa tgctagagt 180
tgtgaaagtg gaggacgcat cgtcaaagga cacctgagga cgtctcaaag aagctcggcg 240
ggagagctga gcgctcggaa gaaccaagaa tcatctcttt tgaaaaatcg attcatcaaa 300
tgaatcttca gccacaact gttcaagaag gattcaaata tcacaggttc cgagaagtaa 360
agctttggag gtcacaaaat tagcantaga agctgggttc cgccatatag attctgctga 420
cgcatacaat aatgaggagc aggttggact ggccatccga agcaagattg cagatggcag 480
tgtgaagaga gaagacatat tctacacttc aaag 514
```

<210> 2383

<211> 525

<212> DNA

<213> homo sapiens

<400> 2383

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atttgtggcc acttgcattt ggttcttccc aatatagtgt tgcaaagggtg actgggtgggt 60
tcgaattgtt tagccacata gtaatattat ttagtctttc ctcaaagac actgaagagt 120
tgtaattcat aaaataggaa gagatggtat cgtgaatggg tacatcagta ccaggccaca 180
tagcagcagc acttgatctg ttttctgaa gctgattggt cacccaaata ggtactgcct 240
cattccacca aaaaggatcc ttgtcattag agtcagaaaa gtgtttcttt gtgactgcat 300
catacatgga attagccaca atgccatggc tttcttcata caagcctgtc acaatactgt 360
agtggtttgg aaatgttttt gtgataaaaa catttttaac atgctctacc aaaacacctt 420
ctttgataaa attctggaga tgaggaaatt catagtcttt cagataatca gctctgaagc 480
catcaaagga tactagtagt aacttaggtg gcaaactaga gggaa 525
```

<210> 2384

<211> 358

<212> DNA

<213> homo sapiens

<400> 2384

```
cgctcttctc ttcgaaacat cacttcaggt cagatcccga gacgaccaca ttccttcaaa    60
gagtcagatg actaagggat ggaggataaa ttcgtctcaa gggacaacca agcactaccc    120
atttaactga ggcattctcaa ttgccagatt ttctctgcat cggtcagggtc aatcaaatta    180
acagcgacaa gacatctttc ttaaggggac agtaattggg tcaacactgt ggatcacccct    240
cggccaaggg acacgactgg agattaaacc taagaactgt ggctgcacca tctgtcttca    300
tcttcccgcc atctgatgag cagttgaaat ctggaactgc ctctgttggtg tgccctgct    358
```

<210> 2385

<211> 251

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (31) .. (31)

<223> n=unknown

<400> 2385

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cctccaacat tagcataatt aaagccaagg nggaggaggg gggtgagggtg aaagatgagc    60
tggaggaccg caataggggt aggtcccctg tggaaaaaag ggtcagaggc caaaggatgg    120
gaggggggtca ggctggaact gaggagcagg tggggggcact tctccctcta acactctccc    180
ctgttgaagc tctttgtgac gggcgagctc aggccctgat gggtgacttc gcaggcgtag    240
actttgtgtt t                                251
```

<210> 2386

<211> 531

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (403)..(405)

<223> n=unknown

<400> 2386

```
ggcaggctcc aggaaagggc ctggagtggt tctcagggat cacttggaat agcggtaata      60
tagtctatgc ggactctgtg aggggccgat tcaccgtctc cagagacaac gccaagaact      120
ccctacatgt gcacatggac aatctgagac ctgacgacac ggccttttat tactgtgcaa      180
aagaggtcat cccctactgt agtaccacca gctgcttata tatgagggtt tttgatattc      240
ggggccaagg gacaatgggc accgtctcat cagcatcccc gaccagcccc aaggctcttc      300
cgctgagcct ctgcagcacc cagccagatg ggaacgtggt catcgctgc ctggtccagg      360
gcttcttccc ccaggagcca ctcaagtgtga cctggagcga aangnacagg gcgtgaccgc      420
cagaaacttc ccaccagcc aggatgtctc ggggacctgt acaccagag cagccagctg      480
accctgccgg ccacacagtg cctagccggc aagtctgtga catgccacgt g              531
```

<210> 2387

<211> 421

<212> DNA

<213> homo sapiens

<400> 2387

```
ggcctggact cctcttcttc tcttgctcct ctctcactgc gcagggtccc tctcccagtc      60
ggtgctgact cagccacctt cccacgtcgc ttcgcctgga gattccgtca gactcacctg      120
cacaatgtcc agtgacttcg acgtaggctc caattatctt ttctggcacc aacataagac      180
agggaggccc ctctcacatc tctcttttta cttctcagac tcagatcagg tccggggccc      240
aggagtcccc agtcgtttct cggccttcaa ggatgtttcc gccaacatgg cggctctaat      300
catctccgga gtccagcctg acgatgaggc tgactattat tgtatgagct ggccaaataa      360
tgacgtggcg gtcggcggcg ggaccaactt gcgcgtcttg ggtcagccca agggctgccc      420
c                                          421
```

<210> 2388
<211> 539
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (42)..(42)
<223> n=unknown

<400> 2388
agtgcaggga gaagggcttg atgccttggg gtgggaggag anaccctcc cctgggatcc 60
tgcagctcta gtctcccggtg gtgggggggtg agggttgaga acctatgaac attctgtagg 120
ggccactgtc ttctccacgg tgctcccttc atgcgtgacc tggcagctgt agcttctgtg 180
ggacttccac tgctcaggcg tcaggctcag atagctgctg gccgcgtact tggtgttgct 240
ttgtttggag ggtgtggtgg tctccactcc cgccttgacg gggctgctat ctgccttcca 300
ggccactgtc acggctcccg ggtagaagtc acttatgaga cacaccagtg tggccttggt 360
ggcttgaagc tcctcagagg agggcgggaa cagagtgacc gagggggcag ccctgggctg 420
accaagacg cgcaagttgg tcccgcggcc gaccgccacg tcattatttg gccagctcat 480
acaataatag tcagcctcat cgtcaggctg gactccggag atgattaaga accgccatg 539

<210> 2389
<211> 528
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (483)..(515)
<223> n=unknown

<400> 2389
ctgcagtccc ccatagacct gcacagtgc atcctccagt atgacgccag cctcacgccc 60
ctcgagttcc aaggctacaa tctgtctgcc aacaagcagt ttctcctgac caacaatggc 120
cattcagtga agctgaacct gccctcggac atgcacatcc agggcctcca gtctcgctac 180
agtgccacgc agctgcacct gcaactggggg aacccgaatg acccgcacgg ctctgagcac 240
accgtcagcg gacagcactt cgccgccgag ctgcacattg tccattataa ctcagacctt 300
tattcctgacg ccagcactgc cagcaacaag tcagaaggcc tcgctgtcct ggctgttctc 360
attgagatgg gtccttcaa tccgtcctat gacaagatct tcagtcacct tcaacatgta 420
aagtacaaag gccaggaagc attcgtcccg ggattcaaca ttgaaagagc tgcttccgga 480
ganggaccgc tgaatattac cggctaccgg gggtnccctga ccacaccc 528

<210> 2390

<211> 491

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (448)..(479)

<223> n=unknown

<400> 2390
cagaagagag aattctttaga gtcagagggg ggagtagaag gaaaaagata tttaaaaagc 60
tatgcttcaa gaggacattt catgctgtca aaatgagact gtgaatcaga aagttctcgg 120
ggaactgcaa ggtgctctca actagggggtc ggttccttct cagtcatggc actgactcat 180
ctccacaggg ttctcacctg cgggaggaaa atggaggagt tgcgcctgtc agaaactgtc 240
tgtgtgattc ggggaagaat atggagtatc ttagtagcat tccattatta cttgccccta 300
aatacatgat gccagccccc tgcacagata acctcctgct tttatagctt gaaatatatt 360
tgatctaaac cagcatttga catcttcaga gagagagaag tagataaaag tctccattcc 420
aggttggcag tacggatccc tgcagaantg gctncaaant aaatttggcc tacagagant 480
aagttctaca g 491

<210> 2391
 <211> 282
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (187)..(269)
 <223> n=unknown

<400> 2391
 ccagtctcca tcctccctgg ctgcatctgt aggagacaga gtcaacgtca ctggccggtg 60
 catccaattt gcaatctgga gtcccatctc ggttcagtgg cagtggatct gcgacagatt 120
 tcgctctgac tatcagcagc ctgcagcctg aagatgttac agtttattac gttcaacgga 180
 gttacanctt agaaaactga ccaaacagac gantcattgg gtttgagagg agaattggct 240
 tcaaggggga gntgggnaag aancaggtng atttttccct gc 282

<210> 2392
 <211> 401
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (32)..(32)
 <223> n=unknown

<400> 2392
 aaagatgagc tggaggaccg caataggggt angtcccctg tggaaaaagg gtcagaggcc 60
 aaaggatggg aggggggtcag gctggaactg aggagcaggt gggggcactt ctccctctaa 120
 cactctcccc tggtgaagct ctttgtgacg ggcgagctca ggccctgatg ggtgacttcg 180
 caggcgtaga ctttgtgttt ctcgtagtct gctttgctca gcgtcagggt gctgctgagg 240

ctgtaggtgc tgtccttgct gtctgtctct gtgacactct cctgggagtt acccgattgg 300
 agggcggttat ccaccttcca ctgtactttg gcctctctgg gatagaagtt attcagcagg 360
 cacacaacag aggcagttcc agatttcaac tgctcatcag a 401

<210> 2393

<211> 291

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (179) .. (249)

<223> n=unknown

<400> 2393

ctccttcagt agcactactt accattgggg ctggatccgc cagccccag ggaaggggct 60
 ggagtggatt gggagtatca attatattgg ggacacctac tacagtccgt ccctcaagag 120
 tcgagtcacc atatccgtgg acacgtccaa gaaccagatt ttctgaagt tgagctctnt 180
 gaccgccgca gacacggctg tgtatttctg tgcggggacg tcatcattta cggcgggggg 240
 gtactactng ggccagggaa cctgggcacc gtctctcag catccccgac c 291

<210> 2394

<211> 444

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (442) ... (442)

<223> n=unknown

<400> 2394

tcagtagcag gtgccgtcca cctccgcat gacaacagac acattgacat ggggtgggttt 60

acccgccaag cggtcgatgg tcttctgtgt gaaggccagc ggcagggcct cgtggcccac	120
catgcaggag aaggtgtccc ccttcttcca gtctctgggt gccacgcgca gtatgttgt	180
cacagcgaag gtggtggtgc cctgggtggg ctcttgccgg gatgccaag tcaggtactt	240
ctcgcggggc agctcctgtg acccctgcag ccagcgaacc agcacgtcct tggggctgaa	300
gccgcgtgcc aggcacgtca gcgtcaccag ctggttcagg gccagctcct ccgacggcgg	360
cggcaacagg tggacctcgg gccggaatgt gtttcggat tttgagaggg tggcggttag	420
cggggtcttg gactcggggt angc	444

<210> 2395

<211> 374

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (273) .. (364)

<223> n=unknown

<400> 2395

gtcacattct tcgcagactc cgtggagggc cgtttcacca tctccagaga caattccaag	60
aacacaatgt atctccaaat ggacagcctg agagccgacg acacggccgt atattactgt	120
gtgaaagccc cttgggatat tgggtgaagca gcgggtaaaa ccgtcttcat ctactggtac	180
ttcgatctct ggggcccgtg caccctggtc actgtctcct cagcatcccc gaccagcccc	240
aaggtcttcc cgctgagcct ctgcagcacc canccagatg ggaacgtggg catcgctgc	300
ctggtccagg gcttcttccc ccaggagcca ctcagtgtga cctggagcga aangggacca	360
gggncgtgac cgcc	374

<210> 2396

<211> 510)

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (505)..(505)

<223> n=unknown

<400> 2396

```
gggcggctca gtagcagggtg cegtccacct ccgccatgac aacagacaca ttgacatggg      60
tgggtttacc cgccaagcgg tcgatgggtct tctgtgtgaa ggccagcggc agggcctcgt      120
ggcccacat gcaggagaag gtgtccccct tcttcagtc ctgggtgcc acgcgcagta      180
tgctggtcac agcgaagggtg gtggtgccct ggctgggctc ctgccgggat gcccaagtca      240
ggtacttctc gcggggcagc tcctgtgacc cctgcagcca gcgaaccagc acgtccttgg      300
ggctgaagcc gcgtgccagg cacgtcagcg tcaccagctc gttcagggcc agtcctccg      360
acggcggcgg cagcagggtg acctcgggcc ggaatgtgtt tccggatttt gagaggggtg      420
cggttagcgg ggtcttggac tcggggtagg cagcagtgc aagtaagggtc ttcccatggg      480
tccatggctc ggcacagccc ggccagacac      510
```

<210> 2397

<211> 356

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (81)..(81)

<223> n=unknown

<400> 2397

```
gggtacgtga gcaggaaaca tggagaagaa tcctttggca gcccattac taatcctctg      60
gtttcatctt gactgcgtga naggatactg aacgtggaac aaagtcctca gtcactgcat      120
gttcaggagg gagacagcac caatttcacc tgcagcttcc cttccagcaa tttttatgcc      180
ttacactggg acagatggga aactgcaaaa agccccgagg ccttgtttgt aatgacttta      240
```

aatggggatg aaaagaagaa aggacgaata agtgccactc ttaataccaa ggaggggttac 300
agctatttgt acatcaaaag gatccccagc ctgaagactc cagccacatt acctct 356

<210> 2398

<211> 306

<212> DNA

<213> homo sapiens

<400> 2398

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agaagaagaa tactatgtat ttctttatga acactattaa aaaaaataa acccctcaca 120
acattctgca ggacctagag cccaagagaa ccactgaag atccatcacc tgtgggatgg 180
cggaggcagt ctctggggag caggagggaa tgtgcacagc caggggagggc tgcagcagcc 240
ttgcctctgc cgtgaatgtc aggcagtgc aagcagcaat aaggggaacag aggggggtggc 300
agcagt 306

<210> 2399

<211> 443

<212> DNA

<213> homo sapiens

<400> 2399

gctacaggca cccacgccga ggtccagctg gttcagctc gggctgaggt ggagaggcct 60
ggggctacaa tgaaaatctc ctgcgaggtt tctggataca ccatcaccga ctactacatg 120
cactgggtgc gacaggcccc tggacaaggg cttgagtgga tgggacttgt cgatcctgaa 180
gatggtgaaa caatctacgc agagaagttc cagggcagag tcaccatata cgcggaacag 240
tctacagaca caggccacat ggagctgagg agcctcagat ctgcggacac ggccgtttat 300
tactgtgcaa ttctgacggg ggtgataatt ctgctcgcct tgagttctgg ggccggggaa 360
cctggtcacc gtctcctcag catccccgac cagccccaag gtcttcccgc tgagctctgc 420
agcaccacgc cagatgggga acg 443

<210> 2400

<211> 320

<212> DNA

<213> homo sapiens

<400> 2400

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gacaggcggg cggctcagta gcagggtgccg tccacctccg ccatgacaac agacacattg      60
acatgggtgg gtttaccgcg caagcggtcg atggtcttct gtgtgaaggc cagcggcagg      120
gcctcgtggc ccaccatgca ggagaagggtg tcccccttct tccagtcctc ggctgccacg      180
cgcagtatgc tggtcacagc gaagggtgggtg gtgccctggc tgggctcctg ccgggatgac      240
caagtcaggt acttctcgcg gggcagctcc tgtgaccctg cagccagcgg aaccagcacg      300
tctttggggc tgaagccgcg                                     320
```

<210> 2401

<211> 301

<212> DNA

<213> homo sapiens

<400> 2401

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tcaactgcaa gtccagccag agtgttttat acagctccaa caataagaac tacttagctt      60
ggtaccagca gataccagga cagcctccta aactgctcat ttactgggca tctaccgga      120
aatccggggg ccctgaccga ttcagtggca gcgggtctgg gacagatttc actctcacca      180
tcagcagcct gcaggctgaa gatgtggcag tttattactg tcagcaatat tatagtgtc      240
cgtacacttt tggccagggg accaagctgg agatcaaacg aactgtggct gcaccatctg      300
t                                                                301
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<210> 2402

<211> 318

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (174)..(318)

<223> n=unknown

<400> 2402
aaagatgagc tggaggaccg caataggggt aggtcccctg tggaaaaagg gtcagaggcc 60
aaaggatggg aggggggtcag gctggaactg aggagcaggt gggggcactt ctccctctaa 120
cactctcccc tggtgaagct ctttgtgacg ggcgagctca ggccctgatg ggtnacttcg 180
caggcgtaga ctttgtgttt ctcgantct gctttgtc nntcagggt gctgctgagg 240
ctgtaagtnc tgtcennnct gtctgtctct gtgacactnt cctgggaggt acccgattcg 300
angncttnat ncancntn 318

<210> 2403

<211> 506

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (303)..(303)

<223> n=unknown

<400> 2403
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ggacaaacgg ccaatatac ctgctctgga gacgcattgc caataaata tgcattattg 180
ttccagcaga agtcaggga ggcccccttg ctggtcatct atgaggacat tagacgacat 240
tccgggatcc ctgagagatt ttctgggtcc agctcaggga caatggccac attgaccatc 300
agnggggccc aggtggacga tgaagctgtc tactattgtt actcaacaga caacagtgga 360
aattacaaaa ggctgttcgg cggagggacc aggctgaccg tcctaggcca gccagggt 420
gccccctcgg tcaactctgtt cccgccctcc tctgaggagt tcaagccaac agggccacac 480
tggtgtgtct caataagtga cttcta 506

<210> 2404

<211> 505

<212> DNA

<213> homo sapiens

<400> 2404

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aagggcttga tgccttgggg tgggaggaga gaccctccc ctgggatcct gcagctctag      60
gctcccgtgg ggggggtgag ggtttagaac ctatgaacat tctgtagggg ccactgtctt      120
ctccacggtg ctcccttcat gcgtgaactg gcagctgtag tttctgtggg acttccactg      180
ctcaggcgtc aggtcagat agctgctggc cgcgtacttg ttgttgcttt gtttggaggg      240
tgtggtggtc tccactcccg ccttgacggg gctgctatct gccttccagg ccactgtcac      300
ggctcccggg tagaagtcac ttatgagaca caccagtgtg gcctgttggt cttgaagctc      360
ctcagaggag ggcgggaaca gagtgaccga gggggcagcc ctgggctggc ctaggacggt      420
cagcctggtc cctccgccga acagcctttt gtaacttcca ctgttgctg ttgagtaaca      480
atagtagaca gttcatcgt ccacc                                         505
```

<210> 2405

<211> 224

<212> DNA

<213> homo sapiens

<400> 2405

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gtagtagtag gaatacttac tatgaagatt ctgtgaaggg ccgattcacc atctccagag      60
acagtgccaa gaattccctg tatttgaaa tgaacaatct aagagacgaa gacgcgggtg      120
tttattactg tgcgagaggg ttccgaggcg cctacaatct ttggggccaa gggacagtgg      180
tcaccgtctc ttcagcatcc ccgaccagcc ccaaggtctt cccg                                         224
```

<210> 2406

<211> 304

<212> DNA

<213> homo sapiens

<400> 2406

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ctcgtgccgc ttcattggga ttggagaact tctgtggggc cagttcatct ccgcaatacc      60
taccgatcc ctgaagttcc tgaaggaggc tgggcatggc accaccaaag aggagatcac      120
```

caaggatgcc gagggactgg atgagattga ccatgctgag atggagctgc gccgaggccg	180
gatcctctgg ttccgggggc ctgaaccgta tccagactca gatcgacgta attaacacat	240
tccagacggg agcctctttt aaggggagtc ctaaggcgac agaacatggg tcaacacctt	300
gatg	304

<210> 2407

<211> 505

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (372)..(422)

<223> n=unknown

<400> 2407

ttacaaaaat aaaatacaag ggcacacagt ctggttttag agtaggattt ttgtcttttt	60
cttcccttaa gtcaaaatat caaagggaaa aacccaaagg aaaagataac catggttggt	120
taaagtggat gccacgtgct ctcttggtgt catttttagca aatcatgcat cataatagac	180
tatcactcac tgcccatagg aggagatgaa acagcaggaa cagaagtggg ggggaaagat	240
ttgactgggt caactgctac ataggatgaa ctaggaacaa gttttacatc aagggtgttg	300
cccatgttct gtcgccttag gactccctta aaagaggctc ccgtctggaa tgtgttaatt	360
acgtcgatct gnttctggat acggttcagg ccccgaacc agaggatctg gcctcggcgc	420
antccatctc agcatgggca atctcatcca gtccctcggc atccttggtg atctcctctt	480
tggtgggtgcc atgcccagct ccttc	505

<210> 2408

<211> 374

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2)..(18)

<223> n=unknown

<220>

<221> misc_feature

<222> (181)..(335)

<223> n=unknown

<400> 2408

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anaatangnt gnnngngnaa aatgggaggg ccatccattt ctctttctga acctetaatg      60
ttagaagaac cagagaaaga agaaatagaa acttccttac ccatagctat tacccttgaa      120
cctgaagatt ctaatttagt agaagaagag atcgtagaac ttgattaccc agaaagccca      180
nnggtttccg agaagccctt cccaccacat atgtcccttg aagtggagca caaagangaa      240
gagcttattc taccattatt ggcagcatca tctcctgaac atgttgcttt gtctgaggaa      300
gaaagagagg aaattgcac tgttctactg gttnnngcttt tgtatcagag tatttcagta      360
ccacaggatt tgaa                                         374
```

<210> 2409

<211> 434

<212> DNA

<213> homo sapiens

<400> 2409

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tctgtaagag gagccagctg gataagatga tttctgaaga cgcttccatg gtgggcactg      60
aggcacagag gaggccaagg agaggttggt tgttcattgca tgcattcatc cgtgacacat      120
gagtacctac tgaggactcc ataaacagaa cgggatacag agataaacia tttgggttct      180
gtccacgttt gtcaaaagggt ggtgctggcc cacctctgaa agcagaacac ttgctcaaca      240
accttgctgt tggcccaagt ctaacacatt ctttatgact gtgagcatct cagagtgaga      300
gaaaaatgta gaaagttttt taaattctaa acaggattta gtgtcttttag ttatcttgct      360
ggatgggaaa gggatgttgt catttctggg cacaaatgaa aagtaggacg gaaagctcct      420
ttcattcagt ttat                                         434
```


<210> 2410

<211> 404

<212> DNA

<213> homo sapiens

<400> 2410

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gggtcctaaa atgggtacct gctacccaag tgatgagcta ctgcctttgt ttgttaactg      60
ctctttcttc cctcagcctc tagccttctc ctttcatcca gcggtgctag agacctgggtg    120
ttgatatcca cattcatagg ctctgagtga tctggcattt ttaagatggc aaagcacttt    180
tgcacacctgt gggctgttgt ctgtagttct ggcatattgc atgcctgaag gcagagctag    240
cactgctacc tccaatacag atgagaaaac tgagaccagc agagattaat ggtaagggtta    300
cacagcaaat tagaaggagt gtaggactaa gacctaggct tcccaaactc ccggtccaaa    360
ctcctgggtg ggtcaaaggg gtgcaaggta agattgcaga ggat                        404
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<210> 2411

<211> 401

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (385)..(397)

<223> n=unknown

<400> 2411

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gccaggaata actagagagg aacaatgggg ttattcagag gttttgtttt cctcttagtt      60
ctgtgcctgc tgcaccagtc aaatacttcc ttcattaagc tgaataataa tggcttttgaa    120
gatattgtca ttgttataga tcctagtgtg ccagaagatg aaaaaataat tgaacaaata    180
gaggatatgg tgactacagc ttctacgtac ctgtttgaag ccacagaaaa aagatttttt    240
ttcaaaaatg tatctatatt aattcctgag aattggaagg aaaatcctca gtacaaaagg    300
ccaaaacatg aaaaccataa acatgctgat gttatagttg caccacctac actcccaggt    360
agagatggac catacaccaa gcagntcaca ggatgtngag a                        401
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<210> 2412
 <211> 334
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (149)..(149)
 <223> n=unknown

<220>
 <221> misc_feature
 <222> (265)..(331)
 <223> n=unknown

<400> 2412
 tactcagata gatgatttta atttcttgat gcaatttgaa atatcatttc agaaaactgt 60
 tgcacaaat aatatacaac caggtatcag tatgaaaaag gatctttggt catcactatt 120
 tcttacaat aaaataacaa ataaatgana ctattaaatt ttaatcttga cagtttttac 180
 atatccatga gtgtttttat ttaatcaaag tatccttttc cgacatctta aaattatttt 240
 tatgagttta tgatcacaca tgggntgaat ttaagattc agaaatatcc ttnacntaca 300
 ttgtntngtt tttaaaaact ctcttctagg ncta 334

<210> 2413
 <211> 358
 <212> DNA
 <213> homo sapiens

<400> 2413
 tgtttctata ctgcaaatgg ccatgttggg tatatgtcta tatacgctt acttagacat 60
 tgtattgtat ataaccgtgt gtagaactat agacaatagt caccaaatag ttatttaa 120

attaattttc tttattaata caacacattt aataagtatc tacctatgcc aggcactgtg	180
ctaagttcta ttactaaata aaatttggtc cctgtccgaa gatgcttgtg accattgaaa	240
attaggaaaa tgaatgccct cagtcagatc aaaagtcaac agctggattt attattagta	300
cttaccaagt aggcacaaat cattgcattt acagacttca ccaaattctt gtagggtg	358

<210> 2414

<211> 446

<212> DNA

<213> homo sapiens

<400> 2414	
tcttggtgcc ttttgtgtga tgcgccttgc tgatggcctg acatgtgcaa ttgtgagggg	60
catgctcacc tctagcctta agggggggcag ggagtgatga tttgggggag gctttgggag	120
caaaataagg aagaggggctg agctgagctt cggttctcca gaatgtaaga aaacaaaatc	180
taaaacaaaa tctgaactct caaaagtcta tttttttaac tgaaaatgta aatttataaa	240
tatattcagg agttggaatg ttgtagttac ctactgagta ggcggcgatt tttgtatgtt	300
atgaacatgc agttcattat tttgtgggtc tattttactt tgtacttgtg tttgcttaaa	360
caaagtgact gtttggctta taaacacatt gaatgcgctt tattgcccat gggatatgtg	420
gtgtatatcc ttccaaaaaa ttaaaa	446

<210> 2415

<211> 530

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (454)..(486)

<223> n=unknown

<400> 2415	
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agatgtctcc atgaactgca cttcttcaag catatttaac acctggctat ggtacaagca	120

ggaccctggg gaaggtcctg tcctcttgat agccttatat aaggctggtg aattgacctc	180
aaatggaaga ctgactgctc agtttggtat aaccagaaaag gacagcttcc tgaatatctc	240
agcatccata cctagtgatg taggcattcta cttctgtgct ggtcggacta cctcaggaac	300
ctacaaatac atctttggaa caggcaccag gctgaagggtt ttagcaaata tccagaaccc	360
tgaccctgcc gtgtaccagc tgagagactc taaatccagt gacaagtctg tctgcctatt	420
caccggattt tgattctcaa acaaattgtg cacnaagtaa ggattctgat gtgtatatca	480
cagacnaaac tgtgctagac atgaggctat ggacttcaag agcaacagtg	530

<210> 2416

<211> 382

<212> DNA

<213> homo sapiens

<400> 2416

tacaacacgc ccagacacac agcatagcag ggctcgata atgagataat ttccccccac	60
gtcttgagaa gaagaatact atgtatttct ttatgaacac tattaaaaaa aaataaaccc	120
ctcacaacat tctccaggac ctagagccca agagaaccca ctgaagatcc atcatctgtg	180
ggatggcgga ggcagtctct ggggagcagg agggaatgtg cacagccagg ggaggctgca	240
gcagccttgc ctctgccgtg aatgtcaggc agtgacaagc agcaataagg gaacagaggg	300
ggtggcagca gtgtttggca gctcttcagc aatcttaatc ataaattcgg gtaggattca	360
gttggtgcat tgccgggggg gc	382

<210> 2417

<211> 498

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (438) .. (472)

<223> n=unknown

<400> 2417
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 tgtcaacaag gcagcaaggt tctaacctgg ttagggctta cagttgagta gctgaaatct 180
 tgatttcttt tctgtgcccc tagtaaagat atgatagcaa acaataagag ctattttttt 240
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 tctctttacc accactctga ggggaggctc tgtcataccc acttgacaga tcgggaagtg 360
 gaagcatcag gaggttaagc aacttggtta agatcacaaa atccataatg acagagtttt 420
 gattagaatc ccagcagnct gtctccagaa ctggcctatt aagtgcagtg cnactgtact 480
 ggctttcata atatgtat 498

<210> 2418

<211> 549

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (501)...(547)

<223> n=unknown

<400> 2418
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 atctaaaaac aacaaaaaaa aactggggac atgccccctg aattgcaagt tggagttcgt 120
 aagaatctac ttgctggcaa gccgggttcc tccctgagaa gcacacttcc cgcttccttc 180
 tctccttcca gcgtcttctg tccctctcag ttaaggcctg gacagtgtgg gatgggtgtg 240
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 cggtcgctgg gctctgcgt ccgcccgcgc agtcctcca ccgtctgcag cagggccgac 360
 cgctccagtt ctaaggtaag catggcctgc ttcagcttgc tctcactgct caggagcttc 420
 tcaatgggtg cctcaaggct ttggatccta ccatttgcca cctgcaactg ttcaaggagg 480
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<210> 2419

<211> 508

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (406)..(472)

<223> n=unknown

<400> 2419

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tgccatgcgt ggccagccct cctgggggttt gcccaggcca ttttgggact ggaacaagag     120
aagaacaacc cgcccccgtc cccaccccag gccctgggtcc agctcccagg gacaccacag     180
ctttcctctc tgggcctctc tgaaggaggt gtggggaggt tggattgggt ttgggaggca     240
aaagcacctc caaggccctg ctgtgccttt agactggacg tgtggacaag aatgcgcccc      300
cggctctgtg ccacacagcc cctgtgctag acatcgctg gtgcccgcac aatgacaacg     360
tcattgccag tgggccgagg actgcacagt catggtgtgg gagatnccgg atgggggctg     420
atgtgccctt gcgggaaccc gtcgtcacct ggaagggcac accaagcgtg tnggcattgt     480
ggctggcaca ccacagccag aacgtgtg                                     508
```

<210> 2420

<211> 506

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (340)..(388)

<223> n=unknown

<220>

<221> misc_feature

<222> (501)..(501)

<223> n=unknown

<400> 2420

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tgccatgtgg ctgggaatgg gaggtgagtg gatgggtgtg aatggctgac cctgctggag      60
gccctgcggg gctctacttg gcctggactg tctcctccag cctgtccaag cgcttctgga    120
gctcctgcac cgtggcctgg agcttccgca tctcctctc cagccgagac acggcatccg    180
agctgggagt gccactggcc tctggtgctg cctcctgcg cccggtgtcc aggccccggt    240
tgaccctcag ctcccggtc tttgggggta cgtagccatc cttgagggag atgaggaggg    300
gccagcatc ccgaccccc agccactcct cagccgtgan ggcagggtcg ggccctgcgg    360
tgggtgggta caggtcctcc tggaatangt ccgactttcg aggactgtc atggcaatgg    420
gctcacacct ccgctcgtgc agcttgtaga acctggcgat ctcacacttg ttcacctcca    480
ggccacgttt gggcatgtaa nccatg                                           506
```

<210> 2421

<211> 552

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (521)..(521)

<223> n=unknown

<400> 2421

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cttgctcaag acaccctttt tttctcccca aatttgtact gcgtgtctgt cctatgccag      60
cactgtgcaa ggctctgggc ccacaatggg gagcaattgg acccagctcc tgaagccatg    120
gggatcccag gctagtgtgg gagacagaca agtgaccagg tgatgacaga agtgcagggg    180
gctttgtgaa gaaagaggca gaggactcaa cctagctggg ggcagtcaag gttgggtcct    240
```

cacctgctgg agcaggttaag acctgaaagc tgagcagcca tccacagggg	ggacactggg	300
gcttggttgg agagctggcc tggaatctgg aatcgactcg caacgctgca gtctcgtagc		360
tgaacagctg gactaccctt acccgtaacc tcccccccc tcccatcatg gctgaagtcc		420
aggggttagg cttgggtgtag ctctgggtcca ttcctcagaa tggaagacca aggggaacgtg		480
ggctacacat ttcacactgc tgccagggag tcttcttgaa ncatccttct gectgctacc		540
tgtagaatgc tg		552

<210> 2422

<211> 469

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (23)..(40)

<223> n=unknown

<400> 2422

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gggtggaaaa cattggctct tccttgggga gtgatgctgg ggaaagggaa gagagtggct	120
cagcctgcag gtaaataaggc tagaaaagcc aaggccaaag gctggagggg agaggacagt	180
cagcatgtcc agcctggggg ctgggtgtag gggtatccct tctccctgtg ccttcccatc	240
tcgtccatga gcctaggtct tggagccttg tgttgaggc tgctgtgatg tcaggaacgg	300
ggatctgtct agcttttggc cacttcctgg gacctcacgc ccctgttgac agatggagat	360
tgggcagcag ggccttgctg cattgttata tgctgttccg acttggtttg tcttgtccaa	420
gggtgacgaa agagccaggc accaggggtct catgggatga ggtacaggg	469

<210> 2423

<211> 187

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (5)..(185)

<223> n=unknown

<400> 2423

agtanctcca gatcaccaga ncnacactc tcacntgccg gcatganaag ctccagcatc 60

agtgganaac ccacngctt gtatagcnan ncagagthaa nacacacaac agcgtncctg 120

gccagcacca nnacctcagg cctcactnnn gaatcaanaa ntttgnacag taagccaggc 180

tcaantg 187

<210> 2424

<211> 508

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (3)..(179)

<223> n=unknown

<220>

<221> misc_feature

<222> (505)..(505)

<223> n=unknown

<400> 2424

gcngggagaa gggcttgatg tagaaagttg taggttctcc aacaaggtct gangctgtgg 60

agcgggcagg taagggtgtt gttccagttg cgtctganct gctgtggaag gctgttgatt 120

cctgaccaat gtctgtgggt gtgagggtgg caggtaacac tgtgtgagtg aagcctggnc 180

tgtcagggaa ggggttagat tgttgactat gaatggacat tgtgttgctg tgagaaaacg 240

ctgtggtttc agttgagcct gggctgctgt agaaggtggt agattcctca ctaaggcctg 300

gcactgtggt gctggcaggt gacactgttg acagagctga gcctgggttg ctatgagggg 360
 tggtaaattc ttgagcaaaa gatgaagttg tgatgctgcc aggggacagt gttgtctcag 420
 ttgaacctgg cttactgtgg aaagttgttg attcctgact gaagcctgaa gtggtggtgc 480
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<210> 2425

<211> 423

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (327) .. (408)

<223> n=unknown

<400> 2425

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 cctgcctctc cacactccag gttccctcag gcttgtgtcc ccaactgctgc atcgtggcgg 180
 ggtgtcacag accctctgca gcccttggt gtccctggact gtgcagagat gcctgactcc 240
 agggaaacct gaaagcaaga agttaatgga ctgtttattg taacttgatc ctcccgagct 300
 gtgagcgcag tctgaggtgt gaggacnggc ctccctgttg agtcccattt tctccatcag 360
 ggcacgtggg cggtctctcn aagcccggag gagctcccag gcgcacangg gccgccggta 420
 aca 423

<210> 2426

<211> 376

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (114)..(374)

<223> n=unknown

<400> 2426

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caggcctgcc ctggagcgcc tgcacgctca gctccctgag gtaggtccgg aggnagaacn 120
cnngcnnnnn cccgcncncc gccaggatac ctctnaantc atgnaccctc ntccagaanc 180
ccacagnent ggatgccccca tagcagccct ggcacggctg gcagaactgc ntccaccctc 240
nacnaacncc caagacagggc aggaacngtc tcaggctggc acacagcagg tgggtcgggg 300
gtaganggaa gaggcgcacc cttctgcaat caaccgctcc agcgggcaga gctgagggcc 360
actgcccccc ccangc 376
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<210> 2427

<211> 473

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (423)..(461)

<223> n=unknown

<400> 2427

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ttccaagaac caaaactcca aatgcacgag cactgacctc aacaggaatt ttaatgcttc 120
atggaactcc attcctaaca ccaatgaccc atgtgcagat aactatcggg gctctgcacc 180
agagtccgag aaagagacga aagctgtcac taatttcatt agaagccacc tgaatgaaat 240
caaggtttac atcaccttcc attcctactc ccagatgcta ttgtttccct atggatatac 300
atcaaaactg ccacctaacc atgaggactt ggccaaagtt gcaaagattg gcactgatgt 360
tctatcaact cgatatgaaa cccgctacat ctatggccca attagaatca acaatttacc 420
cgntatcagg gtcttcttta gactgggnnt atgacctgng ngctaaacac aca 473
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<210> 2428
 <211> 530
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n=unknown

<220>
 <221> misc_feature
 <222> (139)..(247)
 <223> n=unknown

<220>
 <221> misc_feature
 <222> (394)..(514)
 <223> n=unknown

<400> 2428
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 gtattttctta ttgcatttna caaaggcatt gctttgtgaa gaactggaaa ttganaaana 180
 agccggatcc tctgccanag ataatgtgag acacgtggac acagcgtgtg tagtctgggt 240
 gggtcangga gctcctgccc tgctctctca agtggagacc ggggtgctca gatacctgca 300
 cccctcccgc ccatgcacac acaggagccc ctcttagcac caactcactt cctcctcaca 360
 gcagcccagg acgtggcccc tgctggctca gcanacaaga ggggaaatcg angcaagaaa 420
 ggcatatggg cttccttgac caaggcnena nggttctctg tgggataagc ctcagntcta 480
 accactgcac catctgggcc tcaactgctg ggaggagac ttgtgcttgg 530

<210> 2429

<211> 532

<212> DNA

<213> homo sapiens

<400> 2429

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gttttcacaa gtataaacaâ tggatgatgta agtcaacatt gctgtagcca ggtgtgaagg      60
ttgtatggtg tgtgacgaat gtacatcatg tttgtagggt tggatgctaa tcttgaattg      120
tagcttaaaa aatacgtatt tttgtaactc tttgaaagtt tatgaagact gacagctttc      180
cttgtaagca ctaagagaaa aaaaagaaag agggacattt gacaatttta aagaacaac      240
aagaaattag aatgaaaatc tgtgacaaac agcgtcagtg tggccatgac cacattccta      300
catgtctctc tctacaagca cctctctaag aagcctgaca tcccgggtgga ctctttatag      360
tcatgtacac ttgattccag atgagctctg gtcttatctg gatgctcaga taagagggtt      420
ctatctgagc atccagatgt tccctcaggt tccaagacat ttcaccccag gccctggggg      480
tcactctgga attcgtaggg cttcacgtct ctctagaatg acgtggaaaa tt              532
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<210> 2430

<211> 317

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (33)..(306)

<223> n=unknown

<400> 2430

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ataaacatag gaaaagggtt tttaatgcaa atncatgctn tttttcaaaa gtgttgnact      60
gtctggagaa aaattattnc aangctatct aaggcaaaaa taatnnttna ccanctaaac      120
aaaacnncat cncctttacc atttggtttg tatntaaanc aagacatntn aaacacaant      180
aatacggaga ngttttcnaa ttgctacgac atttgcatta agaattnaac tgcattctaag      240
aagtgaagag ntnaaacaca tgggcangtt ctcnagtaac agntantgcn gcnttctnca      300
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gancnttct gcttgaa

317

<210> 2431

<211> 280

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (102)..(102)

<223> n=unknown

<400> 2431

ggtttgctc tagttactgg gtgactttat ttggtaaaaa tgcgttcagc tgcagtagca 60

tattcaagtg ttgctagtta gtaattatct tttaattttt gntttagtta aaagatggaa 120

gaccggtttg agctacttct tacaaaattc ctctactcct ggggaagccc aaaaccggca 180

aaaaaagcaa acagcaagct ttcatacaagt aagttgagat cctgtgcttg caaatatcaa 240

tagttagctg ctgaactgaa aggggggactc tgatgtgcgt 280

<210> 2432

<211> 476

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (289)..(437)

<223> n=unknown

<400> 2432

cacttcaaag tgtagctgcc ttcaagacag atttttggca ctcataacgg aactgcagt 60

tttcaacacc atagcactca ttctatttca cacatcattt ttaacaatgc aaacacggac 120

catttcagtt ttagcattac atgagacaac agtactgatg atctgtgggc ataagaactt 180

caataccggtt gcacatagta aacacttcac tggtactgaa tcctaaacta aaactactat	240
gtggtaacat ggatcgattt agggaaagat gtacaaccag ctacctaang ncacataatc	300
ccagatctat tgattttaaa tgcttttnga ccaacagtat tacattgtct cnttcatcat	360
cttacattcc tgcttttcag agtgagacac cacgttcaga ccacctattc ccttcttgcg	420
gttctgtaca cagtgangga agctgttctg ataccagctt ctctagtca gttact	476

<210> 2433

<211> 207

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (151)..(186)

<223> n=unknown

<400> 2433

gttagcactt tcatcaccaa agaccccggtg cctctcgtgg tcctttgagg gatccccgccg	60
ccaccaccct tgtattttat cacgtgctct tcagggcatg tggaattcgt tgagtttgct	120
tttagagcca agtttctttc cctgtgtggg nttttganga aaanctgagg nccccaaanc	180
ngtggncaac aacccccccc cggcggc	207

<210> 2434

<211> 533

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (482)..(482)

<223> n=unknown

<400> 2434
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gctccaaagt ttagaattag tgcaacacac atacgaacgt tttaaagggtg ctcaacatca 180
ggttaaaata gaattctgga ccttttttaa aagtttttgg atgatataag cacaggaggc 240
agagccaata agaaacatga aaccaatatt tctggaaaaa cacttagcat gaacgtcact 300
ttttgacgtc gtgtaaactt tcttctgcaa tgacggatgt taccaaaagg cattgagacc 360
tttgcgctgc gctgggttaga caagccgcag ttactctcca cggtgagcag gataaaaacc 420
ccaaggaac agcccatgac aaccttctgt gcctttttat actttcccat cctacaaagg 480
anaaactggg taaaggacaa gttcctccct ttcattgcgt ttctaagaac ttt 533

<210> 2435

<211> 390

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (57)..(202)

<223> n=unknown

<220>

<221> misc_feature

<222> (341)..(343)

<223> n=unknown

<400> 2435
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ctctttgggg tgagcagcct tgtattggcc acaggtgcac taaattgact gtgaatccca 120
aacctcccca gaccagccag gccgcctgcn cccacccaga accttcgggt ttgcctgta 180
tggaagcca ctctcgaaa tncctctttc ctgagtcagc aatcgtggca aggggacatg 240

tggtccaaca gcggctgggg agtggacctc tctgtccctt gccacctta agccccaat	300
cgggaccccc tctgacatca ctggcattgc acctgggtgt nccccctcc ccacgtatg	360
gaccagata ggaggggtta ggcattggggg	390

<210> 2436

<211> 486

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (196)..(243)

<223> n=unknown

<400> 2436

tatttctata ggcgagccgt atacagattc tccaggaata aggcacacaa cggaatgcca	60
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cacgggttct gttttgtctt tttagctgga ctcacacgta tggacagaca cagacacgga	180
cggggtcacc gcatgntggc ggaggaggtc ggacggcaag gttggcaaca gagaaggata	240
anncccgtg ccacagcccc caggggaccg cttggccatc tcgctgaagg ctggaacacc	300
ccatttcag ggtagtcgt tggactgagc tacaatgtag tgaggttgga ttaaattatc	360
gtttagagta gattcaagtc tattagatgc tggagggtg gtgtaagggc tccggttgac	420
atttccaagt tcaaggagca tggcctggag gaagcgtggc tcagatggca aagctcccga	480
gcggcg	486

<210> 2437

<211> 275

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (230)..(230)

<223> n=unknown

<400> 2437

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cactgggcca atcttcatga tcttggttga catagatgga tagcctcagc tgagtctaca 120
ctgcgttccc catcacaccc accctcccta tactcaactcc caggcctggg ttgtctgctt 180
ggggagactt cagggtagct ggagtgtgac tgagctgggg gcagcagaan tgggctggaa 240
ggatctattg gctgcctgcg ggggtgtgtg ctcca 275
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<210> 2438

<211> 555

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (183)..(287)

<223> n=unknown

<220>

<221> misc_feature

<222> (467)..(525)

<223> n=unknown

<400> 2438

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cctgtgggca ggccagcagg gtcagtagca ggtgccagct gtgtcggaca tgaccagggg 120
cacgttgtac aggggtgggt taccggtgga cttgtccacg gtctctctcg tgacctgtt 180
ggncagggcc tcatgntcca ccacgcaggt gtaggtctcc cccgtgttcc attcctcttc 240
ggacacggtc aggatgctgt ngncgaagta ccggcctggg gcctggngct caggcattgg 300
ggcgctggtc acatacttct ccgggggacaa gggctgcccc ctctgcatcc actgcacgaa 360
```

gacgtccgcg ggagagaagc ccgtcaccag gcacgtgatg gtggccgact cccgcagttc	420
agctgctccc gggctggtgg cagcaagtag acatcggggc tgtgcanggg caaccccctt	480
gggccgggag atggtctgct tcagtggcga gggcaggtct gtgtnggtca cggtgcaacg	540
ttaaactttt cccgg	555

<210> 2439

<211> 398

<212> DNA

<213> homo sapiens

<400> 2439

ccaggccccg gatccgcagt gtttccattc agtgatcagt cctgaagaca gaagactcag	60
tatggaactc tggctgacct ggtttctcct tcttgccatt ctaaaagggtg tgaagtgtga	120
ggaggaagtg gtggcatatg ggggaggcct ggtccagccg ggggggtccc tgagactctc	180
ctgttcagcc tctggattcc ccttcagtaa atatgctatg aattgggtcc gccagacgcc	240
agagaagcga ctggaatacc ttgcagccat caatagtaat gggagtgtta caaactacgc	300
agagtccgtg aagggcagat tcaccatttc cagagacaat tcgaggacga ctctgtatct	360
tcaaattgagc ggtctgaaaa ctgaggacac ggctgtct	398

<210> 2440

<211> 527

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (487)..(487)

<223> n=unknown

<400> 2440

cgggcggctc agtagcaggt gccgtccacc tccgccatga caacagatac attgacatgg	60
gtggggtttac ccgccaagcg atcgatggtc ttctgtgtga aggccagcgg cagggcctcg	120
tggccccacca tgcaggagaa ggtgtccccc ttcttcagtc cctcggtgc cagcgcagtc	180

atgctgggtca cagcgaaggt ggtggtgccc tggctgggct cctgccggga tgcccaagtc	240
aggtacttct cgcgggggcag ctctgtgac ccctgcagcc agcgaaccag cacatccttg	300
gggctgaagc cactgtccag gcacgtcagc gtcaccagct cgttcagggc cagctcctcc	360
gacggcggcg gcagcaggtg gacctcgggc cggaatgtgt ttccggattt tgagaggggtg	420
gcggttagcg gggctcttga ctccgggtag gcagcagtgc aagtgaaggt cttcccatgg	480
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<210> 2441

<211> 580

<212> DNA

<213> homo sapiens

<400> 2441	
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gcaatgtacg gctgaagtta accattgttg acaccgtggg atttggagac cagataaata	120
aagatgacag ctataagccg atagtagaat atattgatgc ccagttcgag gcctacctgc	180
aagaggaatt gaagattaaa cgttctctct tcaactacca tgacacgagg atccatgcct	240
gcctctactt tattgcccct actggacatt cactaaagtc cctggatctg gtcaccatga	300
aaaagctgga cagtaaggtg aacatcattc caataattgc aaaagctgac accattgcca	360
agaatgaact gcacaaattc aagagtaaga tcatgagtga actggtcagc aatgggggtcc	420
agatatatca gtttcccact gatgaagaaa cggtggcaga gattaacgca acaatgagtg	480
tccatctccc atttgcagtg gttggcagca ccgaagaggt gaagattggc acaagatggc	540
aaaggccagg cagtaccctt ggggtgtggt gcaggttgag	580

<210> 2442

<211> 437

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (8)..(427)

<223> n=unknown

<400> 2442

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ggtangtcnc ctgtggaaaa agggtcagcn agccaaagga tggaggngg tcaggctgga      120
actgaggagc aggtgggggc acttctccct ctaacactct cccngttga agctctttgt      180
gacgggagc ctcangccct gatgggtgac ttcgcangcn tanactttgt gtttctcgta      240
gtctgctttg ctcagcntca ggggtgctgct gaggtgtan gtgctgtcct tgctgtcctn      300
ctctgtgaca ctctctggg agttaacca ntgganggcg ttatccactt ccaactgtact      360
ttggccctc ngggatagaa gtattcaagc aggcacacaa cagaggcagt tccagatttc      420
aactgcncat cagatgg                                         437
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<210> 2443

<211> 343

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (15)..(108)

<223> n=unknown

<220>

<221> misc_feature

<222> (221)..(321)

<223> n=unknown

<400> 2443

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gacagtctga aatactctct ggtgcccaacc tccaaattct cgtctgtnac ttcagacccc      120
cactagttga cagagcagca gaatttcaac tccagtagac ttgaatatgc ctctgggcaa      180
```

agaagcagag ctaacgagga aagggattta aagagttttt nttgggtggt tgtaaaactt 240
tnatnccctg tntgtntgca gaggggattc aacttcaatt ttnantgcag tggctctggg 300
tccagccctt tacttaaaga nctggaaagc atgaagactg ggc 343

<210> 2444

<211> 532

<212> DNA

<213> homo sapiens

<400> 2444
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attatgaaca atacaaatgc attattttta tcattaatag tttaatcatt aattatctca 120
taagtcaatg cagagagtga aattactatg aattaaactt ctgttcacaa tgtacagtat 180
tttgcatatg ttgactttac ttaattgtac atttttgttt ccaaagttaa tgtgcatagg 240
ttgttgtaa gcaattactc tcattgtctt gtcatacatg ctaacatttt gctaaatata 300
aatctacaag tatcacagct gcataatatt ctgaagtggg tagaacagag gaggatgctg 360
gaaagttgag ttcttttaaaa tcttcgttca aaacaagaga ttttcatcta tgtcctcttc 420
tttaattcca aagcagtggc cccactcctt caggggtgat tgctatcctt gttgggggtca 480
cactcctcaa agaaacgggg tatgcagtgt tccatgggca ccagagatgc tc 532

<210> 2445

<211> 505

<212> DNA

<213> homo sapiens

<400> 2445
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aggctctggc attgcaagcc tcgcttcggt gccacttccc agctcttccc gccttccgcg 120
gtataatcaa cactacgaga gatagagccg cctagaacca ggtctccaga aatgcttttg 180
gttcatcttt cattgctgca aggaacttcc atgcctctaa cactcatctt caaaagactg 240
ggactgctga gatgtectct attcttgaag agcgtattct tggagctgat acctctgttg 300
atcttgaaga aactgggcgt gtcttaagta ttgggtgatg tattgcccgc gtacatgggc 360
tgaggaatgt tcaagcagaa gaaatggtag agttttcttc aggcttaaag ggtatgtcct 420

tgaacttggg	acctgacaat	gttgggtgttg	tcgtgttttg	aaatgataac	taattaagga	480
aggagatata	gtgaagagga	cagga				505

<210> 2446

<211> 389

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (4)..(322)

<223> n=unknown

<400> 2446

acanaaggag	tatgagagta	acccttttac	aaatggaact	aatttactag	aacaatgaca	60
aaactgaact	ggnatttgat	gtgaatccac	aggagttaa	gcttcaaata	cagccaagaa	120
atttggtaca	atctctttca	gctttgcata	tgattgntct	gagatcttcc	catcagccct	180
gatagtgcac	aacaaggctt	ggtgccggcn	gacgacatga	gacaagaaag	cattctcaaa	240
ctttgtaata	ttgctgggct	ccagtttatc	aagatatccc	cttacacccg	catagataac	300
agccacttgt	ncttcaatag	cnatgggaga	atactgtcct	tgcttcagca	actcagttag	360
acgcacgcca	cgactcaaaa	gttggttgag				389

<210> 2447

<211> 522

<212> DNA

<213> homo sapiens

<400> 2447

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ccacacttca	ccctaaagac	agatcctgct	gtcagcaaca	atgtgagtgg	cccacacatt	120
tgtccagcat	gaaaccgttt	gcagattcct	ttccagtaca	cagtcccatc	agccggtcac	180
ttcacgatga	cagctcctcg	aagcaccttt	tggtttgccg	tggtgtagct	tagaagtagg	240

agcctgcacg gcttcaggaa ttcacagaag gagcacactt agggcttgga gaagttaatt	300
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tcctgtgtat gaggatactc atcagcatgg ggtttgggaa gcctagcact ggagacaacc	420
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<210> 2448

<211> 205

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (3) .. (18)

<223> n=unknown

<220>

<221> misc_feature

<222> (147) .. (197)

<223> n=unknown

<400> 2448

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cactcccagg gttgccagca tccttggcat tccccggctt gtaaaggcat ttctccaatg	120
tatgctcca ccatacttg gccttcngtt tgtgctncc accgtggccc tttcnctgtg	180
cccatctcta cnatttncta aatta	205

<210> 2449

<211> 352

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2)..(122)

<223> n=unknown

<220>

<221> misc_feature

<222> (267)..(333)

<223> n=unknown

<400> 2449

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cncacctctt tctctctctc cggtctctcg acctaccat cccctgtgca cagtggcttc 180

ccctccccgt cgggtggccac cacgtactcc tctgttcccc ctgctttccc ggcccaggtc 240

agcagcttcc ctctctcagc tgtcacnaac tccttcagcg cctccacagg gctttcggac 300

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<210> 2450

<211> 65

<212> DNA

<213> homo sapiens

<400> 2450

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gtgaa 65

<210> 2451

<211> 489

<212> DNA

<213> homo sapiens

<400> 2451

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tcatccgtct cgtagtaatc atagactttc actatggctg gtttcagatc tcttactggg	180
acatcttgca gaaccgtgaa gaacaagctc agtgtctgat ttgacacctt atcaaggtaa	240
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<210> 2452

<211> 461

<212> DNA

<213> homo sapiens

<400> 2452

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<210> 2453

<211> 445

<212> DNA

<213> homo sapiens

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<222> (150)..(237)

<223> n=unknown

<220>

<221> misc_feature

<222> (397)..(397)

<223> n=unknown

<400> 2453

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gcactcgcta cgctggcca tgtccgacct caccctcagtt gtagatgcca tcacagatgc 300
gctgctggca gctcgcccc gccgccgcta ttaccccggc cagggcctgg ggctcatgta 360
cttcatccac tactacctgc ctgaaggcct gcggcgncgc ttctgcagg ccttcttcat 420
cagtcactgt ctgcctcgag cactg 445
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<210> 2454

<211> 617

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (519)..(608)

<223> n=unknown

<400> 2454

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ccgagaaaca atcctgaggg ggtccccaac ccacctagtc actccttagt ttgcagaggc 180
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actatctgca gagtctgtg aaaggctgca gtgaagtctt gcatgagact ccccatccag	240
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cagtggagag gcgcagaggc tcaactgggaa accttggcct caccgggcct ggattgggca	360
tcggcagtgg gcatgaagtg ggggtgggat tctttaggcc aggggccagg acacttgggg	420
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<210> 2455

<211> 326

<212> DNA

<213> homo sapiens

<400> 2455

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tttgattggg acagcaattt agcagtaaaa aatgtcacct ttataaatcc tgtggtttct	180
ggttcttggc cagttaaatt caacctgacc aggaggcacg cttaattcta aaattgcttt	240
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<210> 2456

<211> 384

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (364)..(377)

<223> n=unknown

<400> 2456
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 tacttagacc taagatcact tattaataat ccttattttc tccaagccca gcaaacgttg 180
 acttctgggc aaacctgaaa acctgaaaat gccactttca tgcagtttgt ttgaagttaa 240
 gtggaatcct ttcaaagac gagctgcaga gaactcagca cccaagggtt gcctatctgt 300
 agatagctgt aaaatggaat attttttaa atgaaggcaat aagtacttaa aagtggagtg 360
 agcnataaaa tgggtccnaat aata 384

<210> 2457

<211> 384

<212> DNA

<213> homo sapiens

<400> 2457
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<210> 2458

<211> 367

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (14) .. (14)

<223> n=unknown

<220>

<221> misc_feature

<222> (246)..(246)

<223> n=unknown

<400> 2458

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ccgctcccca gatgcctagg ggagcgccgg gcccgccggg aggtgccggt ggggagcccg      180
cagacgggtgt cctggcactg gcagctctcg atgtgggtgt aggtgtgtgt cagcgagccg      240
ccattngggc agctcaggac cacctcacgc tggctggttt tctcctcttt gcagcaggag      300
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agcaatg                                           367
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<210> 2459

<211> 231

<212> DNA

<213> homo sapiens

<400> 2459

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tgtatcaaat gcctgggggg cattccctat gcctctctga ttgccaccat cctgctctat      180
gcggggtgttg ccctgttctg tggctgcggt catgaagcgt ttctggaatg t              231
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<210> 2460

<211> 541

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (375)..(512)

<223> n=unknown

<400> 2460

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ctcccttttc cctcaagggc ctccataggga atcccatctg ttctccggag tactggaagc 180
cgagcacatt tggcggcgag gtgggcttta acattgtcaa gacggccaca ctgaagaagc 240
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ttctggaggg gaganctttg tgcttgtcat tccagagtcg tgangccagg gctgatggtc 420
ttaaatgctc attttctggg tttggcatgg tgagtgttng gggtgacatt tagaacttta 480
agtctcacc cttatctggg aatattgtga tncctggttat tcttccagaa tgctgaaact 540
c 541

<210> 2461

<211> 285

<212> DNA

<213> homo sapiens

<400> 2461

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gggcagaaaa tacgcaagag gaactccgag aattccagga gggaagccga gaatatgaag 180
ctgaattgga gacgcagctg caacaaattg aaaccaggaa cagagacctc ctgtccgaaa 240
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<210> 2462

<211> 425

<212> DNA

<213> homo sapiens

<400> 2462
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agcccagcac caccaaccca gcaggactca cgcattatct atgattatgg aacagataat 180
tttgaagaat ccatatttag ccaagattat gaggataaat acctggatgg aaaaaatatt 240
aaggaaaaag aaactgtgat aatacccaat gagaaaagtc ttcaattacc aaaaagatga 300
ggcaataaca ccattacctc ccaagaaaga aatgatgaa tgcccacgtg tctgctgtgt 360
gtttgtttta gtggcctgta tactgtgaag aagttgacat tggatgctgt accaccctta 420
ccaaa 425

<210> 2463

<211> 427

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (195)..(230)

<223> n=unknown

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<221> misc_feature

<222> (381)..(408)

<223> n=unknown

<400> 2463
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cgagaaagta gtataatagc tgtgatcatt agttatcaaa ataagtgaat gagctaataa 180
tcattgttag aatantaatt gtgttcttag atctcagatg ctttaatgan aatgtttatc 240
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aaaacagaag caaatgctta aaaatgggaa taagtatgta ttctgtacac agagacaaac	360
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<210> 2464

<211> 572

<212> DNA

<213> homo sapiens

<220>

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<222> (543)..(543)

<223> n=unknown

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tggctgacca gcaacaactg agagacactt ttagaaaagt ttagaccac tttggaagac	240
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cagcgttggc tgtaatctta tgaacagtgg tgtgagactg aatgccattt gtccaggctt	540
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<210> 2465

<211> 335

<212> DNA

<213> homo sapiens

<220>

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<222> (64)..(94)

<223> n=unknown

<220>

<221> misc_feature

<222> (332)..(332)

<223> n=unknown

<400> 2465

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gggaccagct ctacatctct gagaaggagg taaaagatga gaaaaatatt caagaggtat      180
ttgacctgag tgactatgag aagtgtgaag agctccggaa gtccaagagc aggagcaaga      240
aaaatcatag caagtttact cttgcccact ccaaacagcc cggtaacacg gcacccaacc      300
ttgatctttc ctggcatgag tcccagaaga gnagg                                     335
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<210> 2466

<211> 325

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (38)..(286)

<223> n=unknown

<400> 2466

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ctgtctgtaa angnctctna actccctgan ctctgcanc accctctttt tncctggctcc      180
aattcgatga tgcctcttcc aacagccgtt ccgtctccag cagcagctgc tctgactcag      240
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aatccggcgg agaccnangg gggtecntgg gctttcgctt cccatntccc agtccctgaa 300
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<210> 2467

<211> 490

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (154)..(154)

<223> n=unknown

<220>

<221> misc_feature

<222> (424)..(477)

<223> n=unknown

<400> 2467

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<210> 2468

<211> 442

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (50)..(198)

<223> n=unknown

<220>

<221> misc_feature

<222> (389)..(397)

<223> n=unknown

<400> 2468

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atgagggagc tggagggcac ccattgtccag cccacctcag tgcttctgcc tcagtgagaa 180
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gtttggaacc attaaagggc tctgcgacgg gagtggcagg atatgacctt tttttgagac 360
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actgcggacg cgtgggtcga cc 442
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<210> 2469

<211> 265

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (185)..(185)

<223> n=unknown

<400> 2469
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gtgtgttttg ggagatgtca cctaaccagg acattgatat tcaatcccat ccccttctct 180
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ctgggtgggg tgggtgttga gaccc 265

<210> 2470

<211> 337

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (293)..(324)

<223> n=unknown

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<210> 2471

<211> 414

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (65)..(77)

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<222> (269)..(412)

<223> n=unknown

<400> 2471

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ccaatatgta tcttcataca cgtttggaat tgtttcctgc agcattaggt atgacttggt	180
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tgtttttatg tacagtttat atacagnaaa gtttgctctg cttttntgat gatggtttgg	360
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<210> 2472

<211> 347

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (342)..(342)

<223> n=unknown

<400> 2472

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tgctgtgggg cacctgcccc gcggggacat gagatgacag agacctcccc ggcgggggta	180

ctcaggtgct acgaacatgg cagctcttgt ttccggctga gccatggcca gagcagggct	240
cagtctgccc ctgaacttgc tgaatggacc gacgagctga gcctgaaagc ccagaagagc	300
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<210> 2473

<211> 473

<212> DNA

<213> homo sapiens

<400> 2473

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cccagatgca acaatcgcgg ttctggcttc tccactgggtg gggatgggga tcgcgccttc	180
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gccttggggg ccaagaggag ggccaaggga gtggacctgg cccctgtccc ctctcctcct	420
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<210> 2474

<211> 483

<212> DNA

<213> homo sapiens

<400> 2474

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gggtattcta taggggctgg ggtgcactta ggggtccctg ttgtcaacct cgtaagggcc	180
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tattaacgat atcaatgcct ggacccaact ccatttccca actctagaat cccagaaaa	360
actgccttaa aaaaaaaaaat tagtcccag tgattcttgt taagaggcta atccaggaga	420
tatgctccct tggaaatctc agagggtccg tgcagacaat ccaggcatct cacttttatt	480

cta

483

<210> 2475

<211> 278

<212> DNA

<213> homo sapiens

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<221> misc_feature

<222> (258)..(258)

<223> n=unknown

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<210> 2476

<211> 586

<212> DNA

<213> homo sapiens

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<222> (415)..(415)

<223> n=unknown

<220>

<221> misc_feature

<222> (542) .. (542)

<223> n=unknown

<400> 2476

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tgaggggcag catcagtgca gctggcaggc agaaccctaaa ttctgcaggc ccaggacagt    120
gggctccccct ttctctgggg aacaggggagg gcctgtgtct ggccaggctg aggttccaga    180
tctgttgcca tcatggcccc ttcagggtcc tgggaaattc ctggcttctc ctaaatcagg    240
gtgaactggg cctccaggat caggtctgga gcaggcccaa atatagtcct ggatctgcct    300
ggattaggtg ccaatgtctg agtctgggtt ccagatcaac tccagacccc aggctggatc    360
tggccccatt tgagttctga ttcccccttg agctgggctc tgggccctgg gccancatct    420
atccttgtgt ggcattctgc ctgagctggt cctggggcac catgcatagt tagtgttctt    480
tgttggccca ccagggtggg gctgtccaga actgccaggt cttaactccc caagttccag    540
gntcttaact gggggcttct tttggatctc tggcaaggct gaggac                    586
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<210> 2477

<211> 242

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (222) .. (222)

<223> n=unknown

<400> 2477

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ttgtttattg ttgaatctgt gtgtcagcca ggagagcgct gtctggcctt gaacatgggc    120
tgggatggga aagggtctgg gagaagatgg gcaacaaaga gccagggagt catggacatc    180
gcagegacgc agaccccagc aggttcagtc cegtgtgcc ancaactgtc cagctgggtg    240
tc                                                                    242
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<210> 2478
 <211> 192
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (9)..(192)
 <223> n=unknown

<400> 2478
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 agaatcgana attgcgtaca aaaaaaacct tanataagtt aagaatgaat acatttacag 120
 gcgtaaatgc aaaccgcttc canctcaang cangnnncng nccacggtgn tctggccana 180
 gncattnanc nn 192

<210> 2479
 <211> 314
 <212> DNA
 <213> homo sapiens

<400> 2479
 ctctaccagc aacttgagca aaatcgccgc ctactaatg aactaaagct ggccctgaat 60
 gaggattaaa cttaagagtg aaaaaacttg ggctgaattc taggcgtgga gcccatgtgc 120
 agaaaatcta agactgtcct accttcaact aatagagttg aaaacagttg ctttctgcag 180
 aaatgcaaat gcaaggaatt ggctgaaagg ctggccttgc ctgcttgttt ctctatatgg 240
 ctggaataat tacgttctct ttaatcacia aacagctttt atggtagata cttatatcaa 300
 ttcagcactg tcct 314

<210> 2480
 <211> 295
 <212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (29)..(286)

<223> n=unknown

<400> 2480
ggaaaagagc acaaaaattc aactgatana gaacaacaac tgaaagtcac aattatccaa 60
ngtagtttgc aattactttt cagtttctta aacagctccc ctcaactnn ttnttttaac 120
agtcttgcta atttttcagc tgcaacagcn tcaagttttc acagaattan gagcctcngg 180
gaggggaccc gcnttcaaga tactgaaggt gacatcaaga gtctcctcct nacaggacca 240
aactctatct aaaagttgct tacgngtaac ntgaatcttg tgtaanagtc tacat 295

<210> 2481

<211> 513

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (405)..(405)

<223> n=unknown

<400> 2481
tgctgagcca gtcacctgtg ttccaggagc cgaatcagaa atgtcatcct caggcacgcc 60
agacttacct gtctactca ccgatttgaa gattcaatat actaagatct tcataaacia 120
tgaatggcat gattcagtga gtggcaagaa atttctgtc tttaatcctg caactgagga 180
ggagctctgc caggtagaag aaggagataa ggaggatgtt gacaaggcag tgaaggccgc 240
aagacaggct tttcagattg gatctccgtg gcgtactatg gatgcttccg agagggggcg 300
actattatac aagttggctg atttaatcga aagagatcgt ctgctgctgg cgacaatgga 360
gtcaatgaat ggtggaaaac tctattccaa tgcatactct aatgnntagc aggctgcac 420

aaaaacattg cgctactgtg cagttgggct gacaagatcc aggggccgta caataccaat 480
 tgatgggaat ttttttacat atacaagaca tga 513

<210> 2482

<211> 495

<212> DNA

<213> homo sapiens

<400> 2482

tcacatttca gaaggcaaat aattctttca gaagaagcta catgtcaagt tttctatggg 60
 tagtattaat actaatatga tttagcttat gtttaaaaaa atcaagaaaa gaaaattttt 120
 gtctttaaaa tctactatat tagtgactgt aaggagatgc ttagctattg aagagcttct 180
 ctccactctt gtattttctt tatgagttct tctgagagat tttcactgtg actgttttga 240
 cctctgtata ttcattgaaa ccgtactctc ccagttctct tccatttcca gacatcttga 300
 atccaccaa ggggcactgg gcacttacca cgccatagca attcaccac actgttctg 360
 cctgcagagc agaggagatt gttatggctt tatcaatgtc tttggtaaac actcctgctg 420
 ataagccata gaaagtattg tttgctctt tgatcacgtc atctaaagat ttaaacttca 480
 tggatttggc tgcac 495

<210> 2483

<211> 258

<212> DNA

<213> homo sapiens

<400> 2483

ggaggtgcct cagccatggc atggatccct ctcttctctg gcgtccttgc ttactgcaca 60
 ggatccatgg actcctttga attgactcag gcaccgtcaa cgtccgtgtc ccaggacag 120
 acagccacca tctcctgctc tggcgagaag gtgggaagta aattcttttc gtggatatcaa 180
 cagaaggaag gccagtcccc tgtcgtaatc atctatcaga atgggaagcg gccctcagag 240
 attgctgacc gattctct 258

<210> 2484

<211> 358

<212> DNA

<213> homo sapiens

<400> 2484

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gtgcagggag aagggcttga tgccttgggg tgggaggaga gacccctccc ctgggatacct    60
gcagctctag tctcccgtgg tgggggggtga gggttgagaa cctatgaaca ttctgtaggg    120
gccactgtct tctccacggg gctcccttca tgcgtgacct ggcagctgta gcttctgtgg    180
gacttccact gctcaggcgt caggctcaga tagctgctgg ccgcgtactt gttgttgctt    240
tgtttggagg gtgtgggtgg ctccactccc gccttgacgg ggctgctatc tgccttccag    300
gccactgtca cggctcccgg gtagaagtca cttatgagac acaccagtgt ggccttgt    358
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<210> 2485

<211> 539

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (517)..(517)

<223> n=unknown

<400> 2485

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gtgccttact ttgctgtgtg gttttcaact tgtactcctg ggccagcccc cagttgccag    120
ggctcgacgg cagccaagga caccatacct caggatagtt atatataaaa gggacacgga    180
ttgtgacagt ttcaccccat ttgtttctaa ccccgctgcc caggattagg gtctgtgggtg    240
tggtctgttt tgtttttggg ttctcccttg tgtcagttct cttctggccc agctgggtgg    300
ctgtggaagt ctgtgaggtg gcccaaccac aagcatacct attaagagaa gccagagct    360
tccagcccc acttcgaaaa tctcctctgg cccacatag caaactcctt ctccgttatt    420
ttccccaccc ccagattttt tttaaaaggc ccacttgccg taactctttt ggtcattttg    480
cttcccatte aagcccaaaa gtttatatga taaaggnggt tacttttact tcccagtct    539
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<210> 2486
<211> 524
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (406)..(458)
<223> n=unknown

<400> 2486
aaagatgagc tggaggaccg caataggggt aggtcccctg tggaaaaagg gtcagaggcc 60
aaaggatggg aggggggtcag gctggaactg aggagcaggt ggggggcactt ctccctctaa 120
cactctcccc tggtgaagct ctttgtgacg ggcgagctca ggcctgatg ggtgacttcg 180
caggcgtaga ctttgtgttt ctgtagtct gctttgctca gcgtcagggt gctgctgagg 240
ctgtaggtgc tgccttgct gtccctgctct gtgacactct cctgggagtt acccgattgg 300
agggcgttat ccaccttcca ctgtactttg gcctctctgg gatagaagtt attcagcagg 360
cacacaacag aggcagttcc agatttcaac tgctcatcag atggcnggaa gatgaagaca 420
gattgtgcaa ccacagttcg tttgatctcc acctgtgcc cttgccaaaa gtgtacgggg 480
gtgaactacc ataactgctg acagtaatat actgctaaat cttc 524

<210> 2487
<211> 355
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (15)..(106)
<223> n=unknown

<220>

<221> misc_feature

<222> (300)..(350)

<223> n=unknown

<400> 2487

cgccgccacc gtaangctag gccgcgagct tagtcctggg agccgcctcc gtcgccgccg 60

tcagagccgc cctatcagat tatcttaaca agaaaaccaa ctgganaaaa aatgaaatt 120

ccttatcttc gcatttttcg gtgggtgttca cttttatccc tgtgctctgg gaaagctata 180

tgcaagaatg gcatctctaa gaggactttt gaagaaataa aagaagaaat agccagctgt 240

ggagatgttg ctaaagcaat catcaaccta gctgtttatg gtaaagcccc agaacagatn 300

ctatgagcga ttggcacttt ctggttgata ctgttgacc ccagactgan tggct 355

<210> 2488

<211> 115

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (77)..(113)

<223> n=unknown

<400> 2488

agtggaaaca atgttttttaa gaggtgatat aaagaaatgc cccactgta atccctacca 60

tatgttgatt ctatgtngta ggggtnacag tnggggnatt nctttntntn ggntc 115

<210> 2489

<211> 362

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (185)..(185)

<223> n=unknown

<220>

<221> misc_feature

<222> (312)..(318)

<223> n=unknown

<400> 2489

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cacccagcga ggctggcctg cacgagatgg acatccgcta tgacaacatg cacatcccag      60
gaagcccctt gcagttctat gtggattacg tcaactgtgg ccatgtcact gcctatgggc      120
ctggcctcac ccatggagta gtgaacaagc ctgccacctt caccgtcaac accaaggatg      180
caggngaggg gggcctgtct ctggccattg agggcccgtc caaagcagaa atcagctgca      240
ctgacaacca ggatgggaca tgcagcgtgt cctacctgcc tgtgctgccg ggggactaca      300
gcattctagt cnagtacnat gaacagcacg ttccaggcag ccccttcact gtcggggtca      360
ca                                                                                   362
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<210> 2490

<211> 258

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (136)..(251)

<223> n=unknown

<400> 2490

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tgggtggttg tgtacaggac ccccatcctt caccctccc agaaccaaag aagacaagca      60
gcgccaccaa atggctccct ctgcccgaagt gaaagccgag aggtcagcgg ctggctgggg      120
```


aggcaggtga gcgcacacgg cacagggcag gggcngntgn ngtganangn ngnnngncnn	180
nncngnctgg ncnggggttg atgggnagat ggcggngntn cttgggtagc ngggtaggnt	240
tggnggntgn nggttggt	258

<210> 2491

<211> 435

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (118)..(118)

<223> n=unknown

<220>

<221> misc_feature

<222> (261)..(374)

<223> n=unknown

<400> 2491

tgcgatcaat gtatgtagca tgtctttgtc ttgtgctaag tggggattat taaccactta	60
gaatataaaa ttgtacaaca atttcacttg tttatttgca ttttgttttt tataactntt	120
actccctttt cccctcaaag gagaactgtg tttatgaaac tgtagttttg cctttggatg	180
aaagggcatt tgagaagact ttaacaccaa tcatacaaga atattttgag catggagata	240
ctaatagaagt tgcggaaatg ntaagagatt taaatcttgg tgaaatgaaa agtggagtag	300
cagtgttggc agtatnntta gcattggagg ggaaggctag tcatagagag atgacatcta	360
agcttctttc tganctttgt gggacagtaa tgagcacaac tggatgtgga aaaaatcatt	420
gataaattgt tgaaa	435

<210> 2492

<211> 126

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (6)..(119)

<223> n=unknown

<400> 2492
aatatntncn catanattag gtaaagttna agnnttgggt cnttggagta taantttttg 60
taanantagn cattatttgg taacagaatn tnaggatgat ggaatgatgc gaaggtatna 120
cacatt 126

<210> 2493

<211> 347

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (171)..(219)

<223> n=unknown

<400> 2493
atgaatgatt acgcagggca gcatgaagtt atctccgaga acatggcatc acagatcatt 60
gtggacttgg cagcgtatgt tcaggaactg aaacaggaga ggaaatcaaa ctttcacgat 120
ggccgtaaag cacagcagca catcgagact tgctggaagc agcttgaatc nagtaaaagg 180
cgatttgaac gcgattgcaa agaggcggac agggcgana gtactttgag aaaatggacg 240
ctgacatcaa tgtcacaaaa gcggatgttg aaaaggcccg acaacaagct caaatacgtc 300
accaaattggc agaggacagc aaagcagatt actcatccat tctccag 347

<210> 2494

<211> 359

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (247)..(322)

<223> n=unknown

<400> 2494

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gagggaaaca gattcagcag cggcacagct ggagaaggct gtggagcagc accttgctg      60
caggggtgttc tgagaatcag ccatgtcatc cctgtacca tctctagagg acctaaaagt    120
ggaccaagcc attcaggccc aggtcagagc ctcacccaag atgccagccc tgccagtcca    180
ggcaacagcc atttccccac caccagtttt gtacccaaac ttggcagaac tggaaaatta    240
tatgggnctt tccctctnca gccaaagaag ccaggagagc ctgcttcaga ttccagaggg    300
tgacagtaca ncggtctcgg gncgccggcc cggccagatg gtggcaccgg taaccgggt     359
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<210> 2495

<211> 582

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (210)..(287)

<223> n=unknown

<400> 2495

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gacaacttat gcagtctgtg acaaagagca agtcaagcca aggaaaaagc tctcaciaag      60
aacgtagctc tgttctctta aaatgtgtaa ctgttttcct ggtagagcaa aatttcttga    120
aaggggcccc gttgcgactt taagcagcgt ttaaacagcc tgccctcgtg tccagcattt    180
aaatcagcac aagagaatcg gctgcctgtn ggccctgcct gagcctcagc ctagcttggga    240
gtctgaggct ccaaggaggg ctgtgtgtat aagccatccc atggtcnccc tccctggacac    300
```

gccccctca tggcagcccc caccttaagc agcaggccgg ctgcaacca tcaccaagg 360
 gtggttgccc tttgctgcag gagggcgga agccccccct gcctgcctg cctccagt 420
 gcttcaggca tctgggatgg agtgggtccat ggtgtggtgg agcaggactg gaggcaactt 480
 tttgaccatg tgctcgtaga tcacactggg gatgatgggc agggtgacaa cgttcccagc 540
 cgtggccaga atctccatga tctttttgtc cttcagcccg at 582

<210> 2496

<211> 506

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (140)..(140)

<223> n=unknown

<400> 2496

gaacactgtt gctcttggtg gacgggcccc gaggaattca gagttaaacc ttgagtgcct 60
 gcgtccgtga gaattcagca tggaatgtct ctactatttc ctgggatttc tgctcctggc 120
 tgcaagattg ccacttgatn ccgccaaacg atttcatgat gtgctgggca atgaaagacc 180
 ttctgcttac atgaggggagc acaatcaatt aaatggctgg tcttctgatg aaaatgactg 240
 gaatgaaaaa ctctaccagc tgtggaagcg gggagacatg aggtggaaaa actcctggaa 300
 gggaggccgt gtgcaggcgg tcctgaccag tgactcacca gccctcgtgg gtcaaatata 360
 acatttgccg tgaacctgat attccctaga tgccaaaagg aagatgccaa tggcaacata 420
 gtctatgaga agaactgcag aaatgaggct gggttatctg ctgatccgta tgtttacaac 480
 tggacagcat ggtccagagg acatga 506

<210> 2497

<211> 558

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (170)..(231)

<223> n=unknown

<400> 2497

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aatgtcatgt ctaacatata gtagatgggt ttagttacaa acagaggtga aatccttact      60
gatcaagttg ccatgaaaaa ccagggacct catctttgga aagtcttaat atatgatttc      120
aaatatgtgc agcgactgta caaaaatttg gaaatataca caagagtgtg nnnnnnnnnn      180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ntatgaatat      240
cattccttca ctcagccaag caaagtaggt tgtcaccaaa atactccac ccatttatga      300
gagtagtatt ttttctgagt ctagcaagtg tgcacatcat accacaggct tgggcctggt      360
attgttccat caggagttca tgagtgtgta ttgaagtggg attcagttag cttggaacat      420
gatcttagaa actggactac attggcttta tgcatacagt tacatggaaa gctgaaagta      480
tcccgcctct tcttgcagtt aacctgggtt aggctctaata caatagcagc ttctctcctt      540
actctcgga cacagtggt                                     558
```

<210> 2498

<211> 514

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (66)..(66)

<223> n=unknown

<400> 2498

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gctgtgggta gagaagacag gactcaggac aatctccagc atggccagct tccctctcct      60
cctcancctc ctcactcact gtgcagggtc ctgggccagc tctgtgctga ctcagccacc      120
ctcggcgtct gggacccccg ggcagagggt caccatctct tgttctggaa gcaactccaa      180
catcggagaa gatactgtga attggtttcg gcagctccca ggaacggccc ccgaactcct      240
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catctatagc actaatcagc ggccctctcg ggtccctgac cgattctctg gctccaagtc	300
tggcacctca gcctccctga ccacacagcg gctccagctt ggagatgagg ctgattatta	360
ctgtgcagcg tgggataaca gccttttttg ggtgttcggc ggagggacca agctgaccgt	420
cctgggtcag cccaaggctg cccctcgggt catctgttcc caccctcttc tgaggagttc	480
aagccaacaa ggcacactgg tgtgtctcat aagt	514

<210> 2499

<211> 523

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (21)..(21)

<223> n=unknown

<220>

<221> misc_feature

<222> (179)..(198)

<223> n=unknown

<220>

<221> misc_feature

<222> (434)..(471)

<223> n=unknown

<400> 2499

gtgcaggag aagggttga ngccttgggg tgggaggaga gaccctccc ctgggacct	60
gcagctctag tctcccgtgg tggggggtga gggatgagaa cctatgaaca ttctgtaggg	120
gccactgtct tctccacggg gctcccttca tgcgtgacct ggcagctgta gcttttgtn	180
gactccact gctcaggngt caggctcagg tagctgctgg ccgcgtactt gttgttgctt	240
tgtttggagg gtgtgggtgg ctccactccc gccttgacgg ggctgctatc tgccttccag	300

gccactgtca cggctcccgg gtagaagtca cttatgagac acaccagtgt ggccttggtg 360
gcttgaagct cctcagagga ggggtgggaac agagtgaccg agggggcagc cttgggctga 420
cccaggacgg tcanttggtc cctccgccga acacccaaaa aaggtgttat nccacgctgc 480
acagtaataa tcagcctcat ctcaagactt ggagcccgct gat 523

<210> 2500

<211> 462

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (94)..(94)

<223> n=unknown

<220>

<221> misc_feature

<222> (400)..(448)

<223> n=unknown

<400> 2500

ctttgctaga acgaatcaga cattgggtatc atctgggtatc ccaaagcttc aggggtctgtc 60
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cctaaaacca ttgtttcaca ttagaatact gagtctaggg atctagaaaa tactgagtct 180
agggatctag aaaaataagc ctcaagattt gggcacatcc tagcttgtat ttctggggc 240
aggtcatcag ttcagaagca tttccagatc ctgggtcctt tcaggttagg gtcaattcat 300
tgcataaat gggaatctct tagaggccaa tgcttgcttt tgcttcttta gtctcaaatg 360
tagtatgaga aactctaaaa aaaggtaaag catggttgcn tattatgttc agttggagag 420
tagggtatac agttagttca tgttgganag gttagatgaa ca 462

<210> 2501

<211> 328

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (34)..(71)

<223> n=unknown

<220>

<221> misc_feature

<222> (291)..(291)

<223> n=unknown

<400> 2501

cagtttgagg aaaccttaaa caataagtac acangacatg ccccatgggg cattccatag	60
cagagacaga ntctgtatg ttttattcca gaggcattgc atgggtgataa taaaatgata	120
ggaaatagag gaaaatagat acaggaaaag gcaatagaca gggaagccag ctagatgtta	180
gagtatggag caatcgagga ggcataacca ctcttggggt ggctataggg ctggaaaatg	240
ctgaagatga ctgctttcac tgagggtcaag gattgtaata ttgccagctt ngtaaagcca	300
ttaaagcaga agttttcttc agtgatct	328

<210> 2502

<211> 284

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (266)..(266)

<223> n=unknown

<400> 2502
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gaggcactca gaggaggcgc catgtcagaa ccggctgggg atgtccgtca gaacccatgc 120
ggcagaaggc ctgccgccgc ctcttcggcc cagtggacag cgagcagctg agccgcgact 180
gtgatgcgct aatggcgggc tgcattccagg aggcccgta gcgatggaac ttcgactttg 240
tcaccgagac accactggaa ggtganttcg cctgggaacg tgtg 284

<210> 2503

<211> 382

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (73)..(371)

<223> n=unknown

<400> 2503
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aggggctcaa cgtnantgcc aggaaagaca actactccca gcnccatatg agcncacgtg 180
gcatgccctg tccatagcct ctactgcnac catcttaaaa tgtctgactc cttgttccgc 240
tgctaataca agtgcaatga actggggngg gatgggggtg atnaggaagg tcgctggacg 300
atttnagggg ccantgtctc cctcctagaa agattactcc cccatcatat anncctaana 360
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<210> 2504

<211> 308

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (9)..(207)

<223> n=unknown

<400> 2504

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cttctctttc antggcttag gatctgattg cncctcacc tctaaagtgt ttccaagtag    180
agtctggcag tattagtttc cccacnaac aaattcaggt agagaagttg tagtcgaagg    240
gaatgttggg actcctcact gcatggtccc tggggtgtct ggctcatccc catcatgaca    300
tgagttgg                                     308
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<210> 2505

<211> 544

<212> DNA

<213> homo sapiens

<400> 2505

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cagcaagata ttgttggggt tttctttttt tctgtcaagt aagaaaaaaa aacacctgaa      60
ataaaaatta gaaacataat ctaagaaaaa ttggaaacaa gcatttcaag gaaacaattt    120
ggaaagataa ggaagagaaa acaacaagca gcatgagcag caaaagcagc agcaacatgg    180
ggggaaagct ggctctgctg tgaggacaga acaatcaaag accaacgtgc accttgcttt    240
ccataccagg ctgagctgag ggggtgggta aggggtgggca gtaaccatca gagaggcatg    300
aaggtttccc aggtgggatc agctgatggc tgctggctca ctgtggggag agggtaggca    360
atggcctcct gcaaacgggc ccagatccgc cctcttataa ggcttgccag ccaagtggca    420
gtgacggatt tggttagct ggctccctcc tctgtccact tgctccaatc tgcagctctg    480
caggtcacca toccacagtg atgagctcag caagcagaga ctcatcagaa cgtcagccta    540
agct                                     544
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<210> 2506

<211> 434

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (320)..(345)

<223> n=unknown

<400> 2506

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agagatgcat tactataaat caggacttgg tatatccatt tgttacatat tttcttaatg    120
tgggagtcaa agtgaagcta catagctaac aagtcttatt catttagtaa gttggctgcc    180
ctctgctggt cataatgttt cttaaacaga ttcgtttcct ctaagagaag tttctatctc    240
cccttggcaa aacaaaatac tattcttgaa aaccagaagt tataataatt aatgatatca    300
ttcagtgtgt aacattagan actatgaagt ttaaaagagt caganggtag ttttctgta    360
gaaggaatag tatgtctctc taaaccagaa gagaaattac tgggaaatct ctctccctgt    420
cagttaccct aaaa                                         434
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<210> 2507

<211> 414

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (82)..(82)

<223> n=unknown

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<222> (223)..(223)

<223> n=unknown

<220>

<221> misc_feature

<222> (378)..(378)

<223> n=unknown

<400> 2507

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tataaggagc gagggacggt cttggctgag gaccagctag cccagatgtc aaagcagttg	180
gacatgttca agaccaacct ggaggaattt gccagcaaac acnagcagga gatccggaag	240
aatcctgagt tccgtgtgca gttccaggac atgtgtgcaa ccattggcgt ggatccgtgg	300
cctctggaaa aggattttgg tctgagatgc tgggcgtggg ggacttctat tacgaactag	360
gtgtccaaat tatcgaantg ttcttggcgt gaagcatcgg aatggaggtc tgat	414

<210> 2508

<211> 529

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (502)..(502)

<223> n=unknown

<400> 2508

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aaagaaaccc ttttccattg aggaggtaga ggttgcacct cctaaggctc atgaagttcg	180
cattaagatg gtggctgcag gaatctgtcg ttcagatgag catgtggtta gtggcaacct	240
ggtgaccccc ctctctgtga ttttaggccca tgaggcagcc ggcacgtgg aaagtgttgg	300
agaaggggtg actacagtca aaccaggtga taaagtcac cgcctcttta ctctcagtg	360

tggaatatgc agaatttgta aaaacccaga aagcaactac tgcttgaaaa atgatctagg	420
caatcctcgg gggaccctgc aggatggcac caggaggttc acctgcagcg ggaagcccat	480
ccaccacttc gtcggcgta anaccttctc cagtacacgg tgggtgatg	529

<210> 2509

<211> 596

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (201)..(260)

<223> n=unknown

<400> 2509

gttgatgttc aacactttat ttagttctca tttggatttt aaacatttgc ttgacaaata	60
atttcccatc aatttccatt tctttggaaa gtcccacgt gtaatttatt tttaacatct	120
ctgaagagca gaattaatga tatttcctag ctgttgctcc agatcatgta gggtagagga	180
ggctgaaaac tgctacaagg naaggcatct gtattgtttc aaaacgtcag gacggtacgg	240
atactctttc cagagcgaan aggtcaaadc cttcatttat tttttcaaaa ggtaaaatat	300
ttgttattaa tgcattcagt gaaaacttct tagccataaa gtcagccaca agtttgggga	360
cagattcttt actcttaaag cctccaaaaa tagctccttt ccacgtgcgt ccagtcagta	420
gcagcatagg gtttattgag aggttctggg aatcaggagg taccctaca atgacacttg	480
tgccacatgc ctcatgacaa cataacaggg aagccatcat ggtgtcaagc cgaccgatga	540
cttcaaacga aaaatccaca cctccatcag tcatttcctt tagcacttcc tgaatg	596

<210> 2510

<211> 375

<212> DNA

<213> homo sapiens

<400> 2510

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tggaggggat ctttccttga ttacatcaag tatgttggtā catgggttta tacaagttcc	180
tcttgagaag gcaaaaagac caccatgtgt gagagctctt tgacttggcc aataggggcc	240
tatcttaatg cacttgtttg gacacatttc tgatcttatt tgtaaaggct gcaaaaggag	300
aggatgaaat gctgtaaaag taggaaatga agtggāagct ggaagāaat gtaattggtg	360
gtacagctat gggcc	375

<210> 2511

<211> 483

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (231)..(471)

<223> n=unknown

<400> 2511	
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aatgtttcct tgcttgcaact aaccttgact acagcaataa cgcattgctt aacagtcaaa	120
gtgcaccagg tcatttccgc aaatggcagg gtgagtgact gtgccgttcc caaggaagca	180
aaacagacac aaacaggtcc cacgcgctgg gtgtcctggc tgagtacaga ngaggctgct	240
agactggcag tacccttttc ccaagtgang aaagccagct gtgacactct gcttgccggc	300
aggggtcccc acnntccct ccaccatctg gccatagct gtaccaccaa ttacattntc	360
ttccagcttc cacttcattt cctactttna cagcatttca tcctctcctt ttgcagcctn	420
nacāāataag ntcagāāacc tgtccāāaca agtncnttaa gataggcccc nattggccāā	480
gtc	483

<210> 2512

<211> 536

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (217)..(217)

<223> n=unknown

<220>

<221> misc_feature

<222> (483)..(483)

<223> n=unknown

<400> 2512
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ctccctggtg cccgaccggc tgcgcctgcc gctctgcttc ctgggtgtct ttgtctgcta 180
tttttactat gggatcctgc aggaaaagat gtgagcnacc ccggggggcgg gccgacattc 240
tctccccagc ctgtgacagg gatccccggc cttctgcttc tggaccggg ctttctctt 300
gtcctcctgc ccggctgtcg ccctcttagc accctactac ttttgcagct atggtgagcc 360
taccagaat tccagaatcc aggattatct tctggattct tcggattggt tattttcttt 420
tcttagctgt ttttccccgc ttggttctaa ggggctgcgt tttacaggct gagacttcta 480
atncctcaaa acaggaaccc gaattcggcc cccttttggt actccccaga tgcttg 536

<210> 2513

<211> 482

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (43)..(98)

<223> n=unknown

<220>

<221> misc_feature

<222> (208)..(454)

<223> n=unknown

<400> 2513

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cttgatgtgg aggtantctc tctcttccta gtgggatntc ttcttagctc ctttcccaaa 120

cttggcatca agaccaagac ccaggaacac aagcacagtg cccaccact gcattggggct 180

gatgggattg gcgaagagga tcacagangc caaaattgtg aagaactttc gagttgtagt 240

gatgatggag caggtcaggn gaccaaata cacaaccgtc ataaagatga agctctgacc 300

cagggcactg gtcagcccaa agagcaggat gttatagatg atggcanggt acctttcagc 360

aaagctcaag aactcccaga gctccccagt gaacaggatt cccattccca gcagcaatgt 420

cgaccaaagg ttgatgttna gcatcatgtg gttngagcct gtttgggaaa ttagcccgca 480

tg 482

<210> 2514

<211> 458

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (425)..(429)

<223> n=unknown

<400> 2514

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cggagaaaca gtccacgggt gtgtacaacc gggaggccat gctcaacttc tgtgaaaagg 120

agaccaagaa acttatgcag agggagatgt ccatggatga aagcaagcaa gtggagacca 180

agacagatgc caagaatgga gaggaaagg gacagatgc cagcaaaaaa gccctgggcc 240

ccagacggga ctcagatctg gggaaggagc caaagagggg tggtttaaag aaaagcttct	300
ctagagacag agatgaagct ggtggcaaga gtggcgagaa gccaaggag gagaagatca	360
tccggggcat tgacaagggc cgggtcaggg ctgcagtgga taagaaggag gcaggggaagg	420
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<210> 2515

<211> 532

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (427)..(487)

<223> n=unknown

<400> 2515

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gcttaattgt tgctaaatat ttctccctcc cctctgtggc cttcaccagg ggaatatttt	180
gccaccatct tgaagaaggc gcacagtgcc ctgctcctct ttctatgtc cccaatgac	240
tcttaggggt ctcagatgcc atgactttca aggagagagt atggaaccac atcgtgcact	300
tggaggacca tttattttgc cagtatcttt ttagaaatgc cctagaaata gcctctgaaa	360
ttctccaaac ccctgtcagc gcatatgac tctacagtca cacatcaatt tggttgttgc	420
gaacggnctt tgttttggac tatcccaaac ccgtgatgcc caacatgac tttcattggt	480
ggtatcnact gtcacaggg aaagccattg ccatggaatt tgaagcctac at	532

<210> 2516

<211> 359

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (353)..(353)

<223> n=unknown

<400> 2516

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cctgcacaca gctgcccaca gccagagaaa tccatttaag cagactgcct gcctccttct      120
taacagtgca aggcaggcac tccctgccac aagagaccct gttccctagt agggcagctt      180
ttctcctccc cagaacctcc tgtctatccc cacccaatgt ctctcacag gcatattggg      240
gaaacaggtc aggctctccc accgtatctg caagtgtact ggcattccat tgtcttcttc      300
ctacccttac agtagaaaca gtgtctgtcc ccagctgtgc tctgatcccg gctccttt      359
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<210> 2517

<211> 512

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (46)..(46)

<223> n=unknown

<400> 2517

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gatcactggg gatgaaatcc agatcctgag taacctggtg atggaggagc tcctgcccac      120
tcttcagaca gacctgctgc ctaagatgaa ggggaagaag aatgacagaa agaggacgtg      180
gcttggcttc ctgaggagg cctacaccct gggtcagcat caagtttcag aaggattaag      240
tgccttgaag gaggaatgca gagctctgac aaagggcctg gaaggaacga tccgttctga      300
catggatcag attgtgaact caaagaacta tttaattgga aagatcaaag cgatggtggc      360
ccagccggcg gagaaaagct gcttggagag tgtgcagcca ttctggcat ccctcctgga      420
ggagctcatg ggaccagtga gctcgggatt cagtgaagta cgtgtactct ttgagaaaga      480
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ggatgaatgaa gtcagccaga acttccagac ca

512

<210> 2518

<211> 270

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (5) .. (260)

<223> n=unknown

<400> 2518

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tctgancgcc ttcaaagaan ccnaggcagt catncgttct ggctcttctt gggcgggttc 120

ttctctctca nnggnccctc canactccag ctcttatgng catgtgcccg ngaatcgtgn 180

tctgtctctt cttgcnacag gattcancac ggggtcatcc actcttgaan taatnagctg 240

ctcagtggna tctnggggtn ggggtgggcc 270

<210> 2519

<211> 399

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (373) .. (373)

<223> n=unknown

<400> 2519

cccacttggg tgacaggtgt gatggagtgt ggaggagggc aaggaggagg aacagcctgg 60

attgctgagt gtgagcggcc tggcagctgg cctggccgtg cagagcctag ggaggcaggg 120

caggttctga ggtttggggg ggcattgcat cttcatgggt tgatgggtctg tgaagccact 180

ggcagcccag ttectcatcc cttecttccc cacccttagc gtctccccag cagcttgagg	240
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tggcctctga gcagccctgc ccagggtctcg tccctctcca cagcccagaa cgatctcttc	360
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<210> 2520

<211> 395

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (130)..(130)

<223> n=unknown

<220>

<221> misc_feature

<222> (309)..(386)

<223> n=unknown

<400> 2520

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ctcatctggn cctggagctg ggctcccctg agatcagccc cagggcactg ggcgacaggt	180
gccatgccag gcctagggcg gggttggcat gaggggcagg ggctgggagg tgctcaggca	240
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gtccttgang ggaggacact ggtgcctcgg gctccaggaa tggaggccct gcaccagccg	360
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<210> 2521

<211> 444

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (264)..(284)

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<222> (398)..(427)

<223> n=unknown

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gtacgttccc atgtgcccg tgaaagcatg tgtggctgca gacgtgtcca catgggcctt 180

gcgaacctgg gttagaaacc ctggccaggc gaacgtgggg tgattcacag caaaaagac 240

ctcaccacca cacctgcaact caacccacct tgcatgcacc ttgntacctg cttgcggctt 300

tcagcggagg gcaggggtct ggcacaggtg cgatggcacc ccatgtccag gcatacagat 360

gtggtttctc ggctgcaccg ggccaggctg cgggtgtgag gcgtctgtaa gttntgtgat 420

gtatcanaca gctttgagac gtct 444

<210> 2522

<211> 115

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (10)..(114)

<223> n=unknown

<400> 2522
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 gggtagaatt caccnagaa accaaagaac ttttcatnat tacaagggan ggnna 115

<210> 2523

<211> 505

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (49)..(49)

<223> n=unknown

<220>

<221> misc_feature

<222> (181)..(181)

<223> n=unknown

<400> 2523
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 accttaaaga caggggaaaa ggcaatggga cactcatcac cttccactca acatttcagt 180
 nctgtggaaa agaaagctcc gaacagggtcc aacctacatg cccaaaggag cttctaggac 240
 acaagaattg catcgatgaa attgagacca taatcagtgt taagctccag ctcattggaa 300
 ttgtcggtat tggaattgca ggtctgacga tctttggcat gatattcagc atggtcctct 360
 gctgtgcgat acgaaactca cgagatgtga tatgaagcta cttctacatg aaaattgcaa 420
 tctaaagctt tcataccaaa tgtcacagga gctgtctccc agctcatttt aacactgaaa 480
 tgacattagg atctaaaata atttg 505

<210> 2524

<211> 610

<212> DNA

<213> homo sapiens

<400> 2524

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gaacattatt tttgttctgt gtatatataa gtatttttgt ttccttaact tgtttctggt      60
gccacacac aactaggaga agatgctttt ctttattttg gtttgccaa agatgcta      120
ggttaaatta tgaaggactt tgttttactt atgttaagt gtgaaaactg tagttcttaa      180
tctatgaaga attctctagg tggctataca agaaaaatac aaaaagttag gaaaacatgt      240
aaacgtaagt tatgaggtat ttcacagata cagtgcccat acaaattctc tttcccacaa      300
ttttcaactg ccagatctct tgcttttagtc ttttttcctt atatttgag aacagaaga      360
gtttgacata aaagtcctct tgaggatgtg aggggtgcag tagtttacag cagggtcaga      420
aaatgaaagt aataaagcaa tatttacatg tttttgtata agaacaaaaa tatttcctta      480
aaaagttgtt aaaagttttt tagtcctata aacactcact tttatagggc acatgattgt      540
ctgtgtgact tctctttcca gaggaagact tttttatttt taaattctag gaaagcatga      600
cttattccaa                                     610
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<210> 2525

<211> 422

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (5)..(177)

<223> n=unknown

<400> 2525

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cgcccgagag gagnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnaggag gtggaggagg      120
cgccggaccg gggggatcgt cagtatttaa acagatcaca tcatgcgtga gtacaancta      180
gtggtccttg gttcaggagg cgttgggaag tctgctctga cagttcagtt tgttcaggga      240
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atTTTTgttg aaaaatatga cccaacgata gaagattcct acagaaagca agttgaagtc	300
gattgccaac agtgtatgct cgaaatcctg gatactgcag ggacagagca atttácagca	360
atgagggatt tgtatatgaa gaacggccaa ggttttgcac tagtatattc tattacagct	420
ca	422

<210> 2526

<211> 351

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (319)..(346)

<223> n=unknown

<400> 2526

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tccaaagcat tatgcacaat ttttaattaga atataatgac agatgatatt ccataatttt	180
ttaaataataa aatgaagtca atgactcaaa aaagtatatc gctgcaatga gtttgagggg	240
acatttcata atcagtatca ttacagatat aaagtataat ggttcaactt tttagtgttt	300
gatagggagg atcatgatna aaagatcaan tatgaaatca tttganttat a	351

<210> 2527

<211> 247

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (47)..(47)

<223> n=unknown

<220>

<221> misc_feature

<222> (203)..(243)

<223> n=unknown

<400> 2527

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ctgcatttgg ctatgctgag ccaatcacag ctggccaatc atatacaatg ctctgattag 120

tcaggcctaa gtcacatgct cttgtctgga ggtggaaata gtttgctgg accacacgga 180

gtagatgagg aagaagggtg ttncccaagg aaaagccaag ttntggntnc agaanaaggg 240

annaaga 247

<210> 2528

<211> 368

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (43)..(45)

<223> n=unknown

<400> 2528

agctccagag cactcacggg ctgccagggt gagcaggcta ganantcacg acaccaggta 60

gctctgcagg tgctgggagg gcaatcacgc cagaggaaga gcaggctggg gagccctcac 120

cgcccaatgg ggactgacct ctggcccttg cccctctcca cccactgcc ctgaagccag 180

atttcctgct cagcatggac aggacagcaa gaggctaacc ctctgcccag gtggaagctg 240

acccaagcc acccttcacc tggacaggat gagagtgtca ggtgtgcttc gcctcctggc 300

cctcatcttt gccatagtca cgacatggat gtttattcga agctacatga gttcagcatg 360

aaaaccat 368

<210> 2529
 <211> 484
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (135)..(210)
 <223> n=unknown

<400> 2529
 gtccttctctc aggaccagcc gtcagcagtc cctgacgaaa gcacccatt ctctccacag 60
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 gggtctgttt ccgangagga gaggcgcgac acagcgtgca aggacctgca gcaccttcca 180
 cgcagcacnc cctgctctctc ctctcagcn cctgccgggc tctgactcct aagtcaggca 240
 ggagcttctt caggccccctg gctgaggaag agccacagcc accctaaaat ggcttcgggg 300
 gcatgcagcc ctccatctcc agcagctctg gccatccctc gtatttggtt gtgtctgggc 360
 tggtctttta gaactgctca aaggggcttt taccctgag gtctttgggt cctatgaaga 420
 cccagctgtc ccggaagccc agttgttttg cgtaggaact cccaagtca gagaagagtt 480
 tcct 484

<210> 2530
 <211> 433
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (51)..(51)
 <223> n=unknown

<220>

<221> misc_feature

<222> (401)..(401)

<223> n=unknown

<400> 2530

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aagcctccag ttggctccag tctgttcctg atggttaaaa aaccttagtc ctgagttgga      120
aatccttgcc taggagtcca gggcagctta gtgaccacag ccaccggccc atccctgcct      180
ccagtgtccc tggactccaa gaacctttca gagtcattga gggcacatgg ggggagacct      240
gtgagtcctt aggtcaaccc tgatgctgcc gtggagagag ccctcctcac ctggacactc      300
ctgcccacgt cttgtgtagt gacctattgg gttgctgcac agagcagaga cgatgacgtg      360
cactgaggag aagttgttga ggcttaagca ctctggaga nggaagaatg agctgtgcgg      420
ttcagagttg gag                                         433
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<210> 2531

<211> 173

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (7)..(161)

<223> n=unknown

<400> 2531

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tctatanggg ctgaatggnt tngtatgcag anananacgc ctcccctggg atcctgcagc      60
tccaggcccc tgtgggtggg gtgggggctn gaaccnatga acattctgca ggggncactg      120
acttctccac ggtncctcct tcttgcanaa cctngcagct ntagccttgc ggg          173
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<210> 2532

<211> 305

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (53)..(303)

<223> n=unknown

<400> 2532

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ggtaaattga caagaagtat ttattgtttt tccatattgc tttattgcct tcnttgggga      60
taaaccaatt cctatccttt tttatatgtg taagtnaagc ctgaagtgtg gggggccttt      120
gttcttggag cngccagggt ctccctgccc tggccttggc cttccctaga ctgtgtgggg      180
ctcagcattg ggannggttg cacatgtccc aacctttggc ccccttactt ttcancaagc      240
caggggceca ncagtcagct cccaggatgt gtggggagct gtccctgant ctgcaggcct      300
gancg                                          305
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<210> 2533

<211> 319

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (240)..(240)

<223> n=unknown

<400> 2533

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ttgcaaagaa acaaagcagc tgtacaggag tggggacgcg tcagtgtaca atacattcat      60
gtccaggata aggagcatac accaggattt atacacggtg gcagcggcta taggcacgat      120
gatacaaaat ataaagaata tttccatcta tataaatata cagctggggg ggggaaggat      180
gctgggtgat cttgtttccc ccgagaggg cctgggaggg agggaggggt gtgggaagggn      240
atttcttaca tttgtttctca atgatgggtc tgaagggagg agagaaatgg ggaaacacag      300
```

cctgcacaca ctgatgtgc

319

<210> 2534

<211> 433

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (32)..(53)

<223> n=unknown

<220>

<221> misc_feature

<222> (205)..(428)

<223> n=unknown

<400> 2534

agacgccaga cccgctcaga ccctcctgcc angtgacagc cgccaagatg ggntcttggg	60
ccctgctgtg gcctccctg ctgttcaccg ggctgctcgt ccgacccccg gggaccatgg	120
cccaggccca gtactgctct gtgaacaagg acatctttaa agtagaggag aacacaaatg	180
tcaccgagcc gctggtggac atccncgtcc cngagggcca ggaggtgacc ctcgagcct	240
tgtccacccc ctttgcattt cggatccagg gaaaccagct gtttctcaac gtgactcctg	300
attacgagga agaagtcact gcttgaggct cactgctgtg tcagagcgga ggcacattgg	360
tgacccagct aaaggggtgtt cngnagnagn ntggacgtca atganaatgn cccccgantt	420
cccctttnaa gac	433

<210> 2535

<211> 377

<212> DNA

<213> homo sapiens

<400> 2535
aaactgacaa gtcaaggcag gaagatgttg ccatcacaac tcattggggtt tetgctgctc 60
tgggttccag cctccagggg tgaaattgtg ctgactcagt ctccagactt tetgtctgtg 120
actccaaagg agaaagtcac catcacctgc cgggccagtc agaccattgg tactacctta 180
cactggtacc agcaaaaacc atatcagtct ccaaagctcc tcatcaaata tgcttcccag 240
tccttctcag gggccccctc gaggttcagt ggagtgat ctgggacagc ttccaccctc 300
accatcaata gcctggaagc tgaagatgct gcaacgtatt actgtcatca gagtagtact 360
ttaccgtgga cggtcgg 377

<210> 2536

<211> 485

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (470)..(470)

<223> n=unknown

<400> 2536
agcataatta aagccaagga ggaggagggg ggtgaggtga aagatgagct ggaggaccgc 60
aataggggta ggtccccctgt ggaaaaaggg tcagaggcca aaggatggga ggggggtcagg 120
ctggaactga ggagcaggtg ggggcacttc tcctctaac actctccccct gttgaagctc 180
tttgtgacgg gcgagctcag gccctgatgg gtgacttcgc aggcgtagac tttgtgtttc 240
tcgtagtctg ctttgctcag cgtcagggtg ctgctgaggc ttaggtgct gtccttgctg 300
tcctgctctg tgacactctc ctgggagtta cccgattgga gggcgttatc caccttccac 360
tgtactttgg cctctctggg atagaagtta ttcagcaggc acacaacaga ggcagttcca 420
gatttcaact gctcatcaga tggcggaag atgaagacag atggtgcaan cacagtttctg 480
cttga 485

<210> 2537

<211> 277

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (121)..(270)

<223> n=unknown

<400> 2537

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tgtctccaaa ttaacaaaaa aattattaac ataatttatt tgagtcatac aatacataga 60
gtatttcaag tgaattaaaa tactataaca atgtaagaga atgtttataa aaatggaaga 120
naganataga aaaaccaccc atactactac catcgcaatg taaatttctt tttcatattc 180
cttcacagta atttttccaa ttatgtaatt tgtatnacac tctggncata acgtatccat 240
aaagtgggta tgttgttggt tttgagacn cattttt 277
```

<210> 2538

<211> 511

<212> DNA

<213> homo sapiens

<400> 2538

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attgaataaa atcagcttgg gagaaaatta gttgcttgct aaatcatgga aaacaacaat 60
atctttttga acaatatatc ccacagaatg ttgtagagtt caatgcgaac ttcagtccag 120
gtcaacgtcc cttggcttat gctctctcat aaactctcgt ggaagtgacg cctttcatga 180
cgcattccta gacacaaaaa acaattcttg gtcaatcact ggattaaacc atggatttat 240
ttattgtctc tctgaatggt gggaataaaa caatattcat tccaaagata ttcatttctg 300
gactcctata tatgtaaccc atatattgta ataagatagg gagatataaa gaccaggaaa 360
atacaagttt tcccctccag gtgccttaaa atctgtatgg tgactgagaa acataagcag 420
agataggtaa tacaatatgg tggaggtacc actggagaca gccttaggat gcctggaagc 480
aggcagagaa tgcttcctag aagacagcat g 511
```

<210> 2539

<211> 441

<212> DNA

<213> homo sapiens

<400> 2539

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gcctggagtg ttattttaag aaagcagaag caccatcatt tgcacactcc ttatagatca 60
cacaccttaa ccctgacttt ttttgetcca gtttttcaga agaagtgaag tcaagatgaa 120
gaaccatttg cttttctggg gagtcctggc ggtttttatt aaggctgttc atgtgaaagc 180
ccaagaagat gaaaggattg ttcttggtga caacaaatgt aagtgtgccc ggattacttc 240
caggatcatc cgttcttccg aagatcctaa tgaggacatt gtggagagaa acatccgaat 300
tattgttctt ctgaacaaca gggagaatat ctctgatccc acctcaccat tgagaaccag 360
atttgtgtac ccatttgtct gacctctgta aaaaatgtga tcctacagaa gtggagctgg 420
ataatcagat agttactgct a 441
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<210> 2540

<211> 349

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (209)..(239)

<223> n=unknown

<400> 2540

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aaatagtcac attgttatct ttattaggta atcacttctt aattatatgt tcataactcta 60
agtatcaaaa tcttccaatt atcatgctca cctgaaagag gtatgctctc ttaggaatac 120
agtttctagc attaaacaaa taaacaaggg gagaaaataa aactcaagga gtgaaaatca 180
ggaggtgtaa taaaatgttc ctgcattnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnng 240
ccttggagag ccagagcttc cgcattttct ttactattct ttttaaaaaa agtttctactg 300
tgtagagaac atatatgcat aaacataggt caattatatg tctccatta 349
```


<210> 2541
<211> 360
<212> DNA
<213> homo sapiens

<220>

<221> misc_feature

<222> (142)..(142)

<223> n=unknown

<400> 2541
atggcctctc catctgccca cttttccaaa gggtcacatt gggttttccc ctctcctgca 60
gtggactcag tgtcgctgc caggagaagt gccactgctg ctctctcttt ctggcccaca 120
attgtccgtg cctgggctac antgacagcc acctgattca tttccctacc tctccagtct 180
agtctccaca ccacagcgaa ggcaatcttt agaaaatctt tataaaacct ccagctcaaa 240
attttctctg gctcttcaact gtccttcgag caaaatctga aaccctgagc ataatttatg 300
gaagacctgt gaccgggctc cagctgacct ctccaggctc atctctcttc ccaacctccc 360

<210> 2542

<211> 523

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (62)..(62)

<223> n=unknown

<220>

<221> misc_feature

<222> (204)..(204)

<223> n=unknown

<220>

<221> misc_feature

<222> (372)..(519)

<223> n=unknown

<400> 2542

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anggggacca tgagtggccc ctgtcccttg cccacagac tctgagaagc gaagaccatg 120

tctcctcggt ggagaaaccc aatagcaggg gaagctgggg ggtcaagcac catcgcacca 180

acactccacc gcgatctgcc tgcnggggat ctcagcgcag agaagttgag aggacccatg 240

aaggaagcaa ggacacgggg caggcacctg gatgttgaga gtggagatgt ggcgctccag 300

gttctgcttg gcctccatct cctcgtccag ctggctctgc aggtgttcc gctcctcctc 360

cagctggcgc anttcgtaga cacgttgagc ttctgcnggg tttcttcttg aagcagctcc 420

tgcaaaaggg atgcaaagan gtcccaggga cctgcccccg agggaaggcc accccccccag 480

gttccccctg atgatgtggc aggacactca ctgggtgtnc tgg 523

<210> 2543

<211> 567

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (355)..(566)

<223> n=unknown

<400> 2543

gaacacctca agtactagcc catgtgtttt gagtaaaaag ggctcctttc aacgaggatc 60

cccttctaga ggctttgact aaccagtctc ttggcaccct tagaatgaag ttgagagcgt 120

cacagggatg cttaacgagg ccgaggggaa ggccattaag ctggccaagg acgtggcgtc 180

cctcagttcc cagctccagg acaccaggt gagtgtcctg ccacatcatc caggggacct 240

ggggggtggc cttctcggg gcaggtccct gggacctctt tgcacccctt ttgcaggagc	300
tgcttcaaga agaaaccgga cagaagctca acgtgtctac gaagctgcgc cactngagga	360
ggagcgggaac agcctgcaag accagctggg acganganat tgangncaag cagaacctgg	420
agcgccacat ctccactctc aacatccagg tggtgcccc gtgtccttgc ttccttcatg	480
ggtcctctca anctttctct ggcgttgaga ttccccccgc aaggcaagat tcgcggtgga	540
agtgttnggt gccatggtgc ttgaanc	567

<210> 2544

<211> 382

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (247)..(326)

<223> n=unknown

<400> 2544	
gtacacacat caggaataag atgtagagcc cattatcact acttcttttt aattgtttga	60
gaatagtggg tgagaaaaat aagttaaaaa atattttctg caagcaatat gattataaac	120
ttggaaaacc caagagggtc aactgaaaaa ttactgcaaa taagtaaatt aattaaaata	180
gcagaaaacc ataccctttg tatagccaca cacacatacg cagggaatag aagatataac	240
agaaganaac actcttttca caatntcaat gagaagacaa gccaggaat gaatttaaga	300
agatgtagaa aatcccatat gaggnngtca ttccaaagca ctacggagga taciaagggtt	360
tgtgaatggg aagacgtatc tt	382

<210> 2545

<211> 328

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2) .. (2)

<223> n=unknown

<220>

<221> misc_feature

<222> (101) .. (328)

<223> n=unknown

<400> 2545

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cntgataaca agcttggctg agcagagggga actaggggtc ggcagaaagg attatgggtg      60
gaaaacattg gctcttcctt ggggagtgat gctggggaaa nggaaganng tggctcagcn      120
tncaggtaaa taggctagaa aagccaaggc caaangctng nngggagang acantcagca      180
tgtccancct naggtctggg tgtaggggta tcccttctcc ctgtgccttc ccatctcgtn      240
catgagccta gntcttagag ccttgtgntg gaggctgctg tgatnncng aaccgggatc      300
tgtcnagcnt ttggccacnn cctgggan      328
```

<210> 2546

<211> 455

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (278) .. (360)

<223> n=unknown

<400> 2546

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ccgggattgg ctgcgggcct cgcgaccctc ctgcttcctt ccccgccccg cgccgcctct      60
ctggtttgtg cgcccgctgc aggtcgcagg cctctttgtc agctggagtt gcgcgggctg      120
acgcgccact atgtagcggg ttctgggcgg gccacgcgtg cgggacagga acccaacccc      180
```

agccgacctt gagctccagg agttcgtctc ttacgtctgc ggaagtgcag ctgcctcagt	240
tcttagcgca gggtgacaac tacaggcaca agccattnaa gctggaatgt cctgttgctg	300
gtatttcaat tgacttaagc caactatccc ttcagttaca ataggaaagt gcctctaata	360
aggccaaata tgcgtactaa cttgtagcaa ccacgtgtcc gtgcagtgc caagagtaga	420
gcagtgacaa tgctggtggc aacagggcag ttag	455

<210> 2547

<211> 441

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (367) .. (367)

<223> n=unknown

<400> 2547

cggaggtggc agccctgagc ttacaaaatg aggggtttat atgggggaga gagaccctgg	60
ggttgttagt caattaactt taccacatat aatctcatga ccggcttaca atatattatc	120
ttgtgaaaat aggaatttac aagggggtgt aatccacgtt tctcatgacc tcccccgctc	180
caccagagg gcttcggtgt agcaagtctg gtgaccttgc tatagcgct agataacggt	240
tcaggaatgc agctgcagag tattcagggt aagggtcagc tgcattgagt tagcgggggc	300
ggagtgggtc tggggcagcc tgtccctaac agaatccacc tccgagttgt gacaattaaa	360
tgaaaangtt gaaaagggtga acatgaagca cctgctacac tgcctgttg ccaacagcat	420
tgctactgct ctagctcctg t	441

<210> 2548

<211> 332

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (229) .. (285)

<223> n=unknown

<400> 2548

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ctcgccccgc tctcagccgc cgctctgccc cgcagcagcc agccccgtgt ccggcagtat      60
gttcagctgg gtcagcaagg atgccccgcc caagaaggag ccggagctct tccagacggt      120
ggccgagggg ctgcggcagt gtacgcgcag aagctgctac ccctggagga gcactaccgc      180
ttccacgagt tccactcgcc cgcgctggag gacgctgact tcgacaacna gctatggtgc      240
tcctcgtggg gcagtaacag caacgggcaa agaccaactt catnngacaa cctgatcgag      300
caggacttcc cggggatgcg catcgggccc ga                                     332
```

<210> 2549

<211> 266

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (103) .. (103)

<223> n=unknown

<400> 2549

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cagtcccccc acctacaact cagcacatga ctacatcagc tgggaatctt tctccaacgt      60
gagctattac actcgtatct tgcctctctgt gcctaaagat tgncccacac ccatgggaac      120
caaagggaag aagcagttgc cagatgcccc gctcctggcc cgccgcttcc tgctcaggag      180
gaagttcata cctgaccccc aaggcaccaa cctcatgttt gccttctttg cacaacactt      240
caccaccag ttcttcaaaa cttctg                                     266
```

<210> 2550

<211> 485

<212> DNA

<213> homo sapiens

<400> 2550

```
cagcactggg attccgaggt gtttccattc ggtgatcagc actgaacaca gaggactcac      60
catggagttt tggctgagct gggttttcct tgttgctatt tcaaaagggtg tccagtgtga    120
ggtgcagctg gtggagactg gaggaggctt gatccagcct ggggggtccc tgagactctc    180
ctgtgcagcc tctgggttca ccgtcagtac cagtagcagc tacatgtgct ggggtccgcca    240
ggccccaggg aaggggctgg agtgggtctc agttatttat agcggtggtg ggacaagtta    300
cgcagactcc gtgaagggcc gattcaccat ctccagagac aattccaaga acacgatgta    360
tcttcaaattg aacggcctgc gagccgagga cacggccgtc tattactgtg cgaccgatag    420
tagcggtaat tacttcgggt acggtatgga cgtctggggg ccaagggacc acggtcacccg    480
tctcc
```

<210> 2551

<211> 360

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (83)..(345)

<223> n=unknown

<400> 2551

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aggctcagta gcaggtgccg tccacctccg ccatgacaac agacacattg acatgggtgg      60
gtttacccgc caagcggctg atngtcttct gtgtgaaggc cagcngcagg gcntcgtngc    120
ccaccatgca ggaaaaggtn tcccccttct tccagtcttc ggctgccacg cgcagtangc    180
tggtcacagc gaaggtggtg gtgccctggc tgggtctctg ccgggatgcc caagtcaggt    240
acttctcgng gggcagctcc tgtnaccctt gcagccagcg aaccagcaca tccttggggc    300
tgaagccacg tgccaggcag tcancntcac canctcggtc agggncagct cctccgacgg    360
```

<210> 2552

<211> 301

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (14)..(44)

<223> n=unknown

<220>

<221> misc_feature

<222> (294)..(301)

<223> n=unknown

<400> 2552

gcggcgggcg gacngcgctg agtgtctccg tgcgcccgtc tgtngccaag cagccagcag 60

cctagcagcc agtcagcttg ccgccggcgg ccaagcagcc aaccatgctc aacttcggtg 120

cctctctcca gcagactgcg gaggaagaa tggaaatgat ttctgaaagg ccaaaagaga 180

gtatgtattc ctggaacaaa actgcagaga aaagtgattt tgaagctgta gaagcactta 240

tgtcaatgag ctgcagttgg aagtctgatt ttaagaaata cgttgaaaac aganctgtta 300

n 301

<210> 2553

<211> 420

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (192)..(420)

<223> n=unknown

<400> 2553
acaacaaaag aaatattgtg caaattgtaa gtcacaagga ttttttttaa ttaaaacttt 60
tgttttccaa gggccaagt tttgatgtca gaaatctaca cccaatatac aaaaacaatg 120
ttaaatggga agatatagtg acatttttca ctatatattt taagcaatgt acttttgttt 180
tgccactgtg tntatcatcc nctatataac agcataaaaag aganatactg ttaacaaaag 240
tgaatgttct aataattncc tanccacctc cctccacatc cccaaaaaac tcctataaat 300
taacaggaca acattcgtcc acctgtgaat aatggtcnct aattttctaa ttcaataaag 360
cacncattat atcctcataa cataaaggta tntactgatg acataagcat ctttttcaan 420

<210> 2554

<211> 256

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (178)..(189)

<223> n=unknown

<400> 2554
gccaatataa gcccctccca gactgccccca tgggtgtcaa ggtggcgggg cctgcatgtg 60
ccgtgggttg gcttggggct gtgatcctgg cccgctcccg ggcgcaactt cagctcggtg 120
cagggctgca gagaggtcag cagatggacc ccgaccgagc cttcatctgt ggagagancc 180
gccagtttnc ccagtgcctt atctttgggt ttctgttctt gacaagcggc atgctcatca 240
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<210> 2555

<211> 539

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (372)..(523)

<223> n=unknown

<400> 2555

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tcagatggaa gatgtggagt gtgtgaggcc tcagaagatg aattcgtccc agaaatggta      180
tatatagatt cacagtctct ttcagaggct gcaccctctg aagttggggg cccatagttg      240
aaaatactgt aatatgaagg ggggttttca ttcggaagca gactgttagt tccaggactc      300
tcagcgaccg cagaagctac agtgacctgg acaggctcca taatctggat ctgtccctct      360
tctctctcag angcatcctg gccagcattc agcgtgtttc tcttcttaac atgggnaacc      420
acgaagaaac acaatccac aagcacaatc aaggggcca tgtctncaga gaaaggaanc      480
cacacatccc ggggtctgag tcgccantgt ctgtctcggt tancgggtcc tgcgcccat      539
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<210> 2556

<211> 555

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (433)..(527)

<223> n=unknown

<400> 2556

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ccccctggct ggacatgtgg ggtttgacag cttgctgac cagctggtga ataagtccgt      180
cagccagggc ttctgttca acatcctgtg cgtgggagag acaggtttgg gcatgtccac      240
cctcatggac accctgttca acaccaaatt cgaaggggag ccagccaccc acacacagcc      300
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gggtgtccag ctccagtcta atacctatga cctccaagag agccaacgtg aggctaaagc	360
tcacgatcgt tagcacagtt ggctttgggg accagatcaa caagaggaca gcttacaagc	420
tatcgtggaa ttnatcgatg cacaattcga ggctacctgc aggaagagta aagatccgaa	480
gagtgtctaca nacctaccat gacttccccg attccatgtc tgcttgnatt cattgcccc	540
acgggtcatt ccctg	555

<210> 2557

<211> 521

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (472)..(517)

<223> n=unknown

<400> 2557

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atggcttgtc agatgacaag aaaccattca agtgtttcac tcctaaaggt tcatctctca	180
agatagaaga gcgagcagaa tttttgaata agtctgtgca gaaaagcagt ggtgtcaa	240
cgacccatca agcagcaata gtctccaaga ttgacagcag actggagcag tataaccagt	300
caattgaggg aacaaaaagc gcaaaaccta caaagccggc agcctcggat cttcctgttc	360
ctgctgaagg tgtacgcaac atcaagagta tgtgggagaa agggaatgtg ttttcatccc	420
ccactgcagc aggcacacca aataaggaaa ctgctggctt gaaggtaggg gnttctagcc	480
gcacatgaatga tggctaacta aaaccccagt ggaaacnagt c	521

<210> 2558

<211> 599

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (541)..(541)

<223> n=unknown

<400> 2558

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ttaggaatgg cagattcaca gaacatgcta gtcagcttgc agttttacct cgtaaagata 120
acagagaatt atagtcaaac cagtaaacaa ggaatttact tttcaaaaga ttaaattcaa 180
actgaacaaa attctaccct aaaacttact ccatccaaat attggaataa aagtcagcag 240
tgatacatte tcttctgaac tttagatttt ctagaaaaat atgtaatagt gatcaggagg 300
agctcttggt caaaagtaca acaaagcaat gttaccttac cataggcctt aattcaaact 360
ttgatccatt tcaactcaat gacgggagtc aatgctacct gggacacttg tatttgtaaa 420
ttctgattta gcttattgta gacttggtgc tactttgtca tgagggttga cttctgcate 480
ttcgtgggct ttccttcctt tgggcttagg gttgctaaag ctagaaggat tcaattgtc 540
nttacagact tatgaggaag atagactttg gtaacgcaga tggtcacttc tcatggcca 599
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<210> 2559

<211> 554

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (335)..(335)

<223> n=unknown

<220>

<221> misc_feature

<222> (499)..(499)

<223> n=unknown

<400> 2559
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ctataaacct gatctgatct ggtctgatgg ggagtgggaa tgtcctgata cttactggaa 120
ctccacaaat tttctttcat ggctctacaa tgacagccct gtcaaggatg aggtggtagt 180
aaatgaccga tggggtcaga actgttcctg tcaccatgga ggatactata actgtgaaga 240
taaattcaag ccacagagct tgccagatca caagtgggag atgtgcacca gcattgacaa 300
gttttcctgg ggctatcgtc gtgacatggc attgnctgat gttacagaag aatctgaaat 360
catttcggaa ctggttcaga cagtaagttt gggaggcaac tatcttctga acattggacc 420
aactaaagat ggactgattg ttcccatctt ccaagaaagg cttcttgctg ttgggaaatg 480
gctgagcatc aatggggang ctatctatgc ctccaaacca tggcgggtgc aatgggaaag 540
gacacaacat ctgt 554

<210> 2560

<211> 423

<212> DNA

<213> homo sapiens

<400> 2560
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agcgaatttt ggcgctttta gattgctctg aaaatttctg aagagttgac catagcagcc 120
tggtaaacct tttcctttcc cccaaagctc tcctgcctt tgcagaaaga ctgttggtga 180
caactgatgc taactaaata gcatgtggtt gagcttgcca aatccttcca cctcctccca 240
taggcaacag ggtgacttgg cttaaaggca ttgagtaagc aagtaggtta tcagagaaca 300
gaggggaagat tccattgtag ataatttcca aatattacaa ttgatgaact cagagttcaa 360
ctgctcagtt ccttcttctg ctgacctgat acagatataa tcccaatggg atctcagatc 420
ttt 423

<210> 2561

<211> 344

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (300)..(300)

<223> n=unknown

<400> 2561

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ttcagagaaa ggtgaacgag gaattggact tgccagacca gttcatgagg gaaggctgga      120
gggccctggc attaaggaca gcacaggcac accaatgaca gagcaaaggt gctgcagagg      180
ggccacgatg gctaaggaat ggctttgtta tgattccctc attggcagga tctgggtgaag      240
aatcatctga tgtatgctgt gagagaggag gtggagatcc tgaaggagca gatccgagan      300
tggtggagaa gaactccac tagagcgtga gaacaccctg ttga                          344
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<210> 2562

<211> 354

<212> DNA

<213> homo sapiens

<400> 2562

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gctacatttg gaaaatcaaa atccaaatcc tggaaccata catcaggata aggtgtcaaa      60
aagtggaaag tgttcactct cacaaaaccc gctacagaca agctttcttg gcacacctcc      120
caggctccat tggatcaaag ccatcccctt gttcatccct catccacagt aggacaccat      180
ccttctgttc acttgaaagt tttccacaat aattacaaaa caaaacaaaa aacgttttca      240
aatgacactg tgaagcccaa aactgatttc tctcaacccc cattctatgt agtcagcacc      300
agtgaatggg gggtttggca ttcaaaacag gacttcacgt ttcagtggac agct          354
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<210> 2563

<211> 570

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (441)..(565)

<223> n=unknown

<400> 2563

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gtggaaggga gcacataacc agctgtttgg catgacaggt gacttagtat atttgaatt 180
ggttttaaaa ccaatacacc atactttctt tctgcaaaca gccatcttta tacttaggga 240
agaaaaattg ttgggttcta gactttttta atataaattt tgttgatatg gaattaggta 300
agtttaagtg tctatgtgca tatgtttttt atataagttt tttctattca gtttcaactga 360
tccaactggc agtgggtaaa tatggcataa gttaataaca ctttcccaa aatgggtgctt 420
tggatttgaa aagggtctga ngggggagaa gggagaaccg tatccatccc ttagcttctt 480
ctccttaa at aaaancctag gaaaaaccgg ggtagtaaaa ccggtnggat aagtcnngga 540
aaaacacccc agcaaagggg ccacnagcct 570
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<210> 2564

<211> 537

<212> DNA

<213> homo sapiens

<400> 2564

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agaagaagaa actcaaaatt cctatctgcg tgctaatttg aaaagaacaa cgtagataga 60
tttgttggca catatataat gcatattcac atatggcata tatacatatg gggagaaaac 120
atgaacccaaa ggccaattca gttatgggag ctcatctcct tccatctctc ctaatcaaga 180
gcaaagggaa cagcaggcct aacagcaggg ttgggaaggc aaaaggactg gcaactgaact 240
aagtgaaagg gcgtctgggc tattcagagg aagaggctgg aatggcttaa caatagcagg 300
catttataag tgcccaccct caccaatgca tcgggggtgg tccctagata tgaaaggtga 360
ggaagtctct gcatactgtg atggtaccac gggctgcttc aattgtaagg caaaggaagc 420
aggaaagaaa ggaagggatg catttagagg cttttccaca caagcgagtg tgccacgccc 480
ctctgggttt tcagcagtga ggtaaccatt cagatttaac catgccaaact ctctctct 537
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<210> 2565
 <211> 238
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (27)..(222)
 <223> n=unknown

<400> 2565
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 gtggccacat tgagtgcctt gggcctctgc aagaancgcc ccgaagcctg gaggatggaa 120
 cactnaanng cagccgatac ccgggggagcagg ggcagncctg gaggcaaacc gctacccacc 180
 tcanggcggt ngtggctngg ggcancatcat ggtngtggct gngggcaacc tccatggt 238

<210> 2566
 <211> 416
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (372)..(372)
 <223> n=unknown

<400> 2566
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 aaagtacatg catatttcaa agacctgtta atgggtgtcca ctttggattc ttacatgaaa 120
 cgattcagtg cacattgtta gcctaaggac cagcgaagag gggttccac atattaagta 180
 ttcagtagct taaaaagtt aatgcattag acatttcaga tggttaactgc tctaaacaaa 240
 actcctaagt ctgtcctatg caatatatat tttatatata tatatatattt tacatagaat 300

actcacaaag tgcaagccaa taataacatt gcagaaaagt aatacatatc tgctaggtga 360
 caatatcaaa cnattcaggg aataatttta ctttaaatta acattaacag aatttc 416

<210> 2567

<211> 517

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (102) .. (284)

<223> n=unknown

<220>

<221> misc_feature

<222> (500) .. (500)

<223> n=unknown

<400> 2567
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 gaattaggtg cctcctttgc ccaaaggcta tcagctattg gnggggaggg tggcannnnn 120
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
 nnnnnnnnnn nnnnnnnnnn agagtcaatg ttgtctagta tcactttgga aggagaataa 240
 gtctatgaaa tgcattaaac tcagcagggg aagtcctaag gagnagtttc tccagggggc 300
 acagaagacc ctttgggtct ctatgagagg cccaaggca acacagggca gagaggtcct 360
 tccggtgagg gctgttcaag tactaagtga cagtaccagg aggagtgcaa agccctggct 420
 cacaccactg atctactggc aagatgggtc tggagaaggc tcctctggcc cagccagtgg 480
 ggtaacagct actttggtgn taaaaccac cccttca 517

<210> 2568

<211> 431

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (157)..(157)

<223> n=unknown

<400> 2568

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gctgggagcg gtgaggccca gccctttccc ctctctccca ccactattcc taacctgggg      120
cctggcaggg gtggagtgat gtgatctaag ggtcccngga gaaggggtgga gtggaagagg      180
cagggctctt gggttaaagg aagattctga ggtctcaggg caaagggaaa ggtgtttgga      240
tgaagactga ggcagtgcct acctccctcc acatctgagg atcaagcagg tgtggcaaga      300
acagagccct ggctgggct ctgctggccg cagcctcagg agccaggggt aaggccagag      360
ataaatgaag atttgagcca ttgataaatg ccaatatatg tttcaggtat ttcattagga      420
tcctcccat c                                                                431
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<210> 2569

<211> 411

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (223)..(223)

<223> n=unknown

<220>

<221> misc_feature

<222> (398)..(398)

<223> n=unknown

<400> 2569
ctctggtatt catgccaaag acacaccagc cctcagtcac tgggagaaga acctctcata 60
ccctcgggtgc tccagtcgcc agctcactca gccacataca ccatgtgtga agaggagacc 120
accgcgctcg tgtgtgacaa tggctctggc ctgtgcaagg caggcttcgc aggagatgat 180
gccccccggg ctgtcttccc ctccattgtg ggccgcccctc gcnaccaggg tgtgatggtg 240
ggaatggggc agaaagacag ctatgtgggg gatgaggctc agagcaagcg agggatccta 300
actctcaaat accccattga acacggcatc atcaccaact gggatgacat ggagaagatc 360
tggcaccact ctttctacaa tgagctgctg gtagcacntg aagagcacc c 411

<210> 2570

<211> 575

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (268)..(268)

<223> n=unknown

<400> 2570
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gcctcatcat actcaggctt gctgatccac atctgctgga aggtggagag agaggccagg 120
atagagcccc cgatccagac tgagtacttc cgctctgggg gagcaataat cttgatcttc 180
atggtgctgg gggccagggc tgtgatctcc ttctgcatcc tgtcagcaat gccaggggtac 240
atggtggtgc cccagagag gacattgntg gcatataagt cttacggat gtcaatgtca 300
cacttcatga tggaattgta ggttgtctca tgaattccag cggactccat gccataaag 360
gaaggctgga agaggggtctc agggcagcgg aagcgctcat tgccaatggg gataacctgc 420
ccatctggca gctcatagct cttctccagg gaggaagagg aagctgctgt ggccatctca 480
ttctcaaaat ccagggccac atagcacagc ttctccttga tgtctcgcac aatttctctc 540
tcagctgtgg tcacaaagga atagcctctc tctgt 575

<210> 2571
<211> 332
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (17)..(75)
<223> n=unknown

<400> 2571
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tgggcatccc caagccattc gggccacagg ttgaggagga atgctgcctg gagatgcacg 180
tgcgtggcct cctggagccc ctgggcctcg aatgcacctt catcgacgac atttctgcct 240
accacaaatt tctgggggaa gtccactgtg gcaccaacgt ccgcaggaag cccttcacct 300
tcaagtgggt ggcacatggt agccttgacc tg 332

<210> 2572
<211> 319
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (143)..(143)
<223> n=unknown

<220>
<221> misc_feature
<222> (264)..(264)
<223> n=unknown

<400> 2572
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tacctgacat agaagagcaa ganaggcgga ctcaagaggt cctccaggca gtggcagaaa 180
aagtgaaaga ggaatcccag ctgcctggca ccggtgggccc agaagatgtg cttcagcctg 240
tgcagagagc agaggcagaa aganccagaa agagcaggct gaagcgtcgg gtctgaaaga 300
aaagagaccg gatgtagtg 319

<210> 2573

<211> 415

<212> DNA

<213> homo sapiens

<400> 2573
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gcagtcacat taggaggtaa aacgaagtcg ttcttttcat aacatcgata agactaaatg 180
gcatttcaat caccaaaaac catgaaacta tcttagatct ttgaatctag ttgatagtta 240
ttttcctcaa ctgaaggttc tacacgaagg cattaattat ttgctcccga ttccttatgt 300
aacaaatttg ccatctattg gcataaaaga gaaaaattat cttagaagac aaggaagctt 360
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<210> 2574

<211> 239

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (44)..(44)

<223> n=unknown

<220>

<221> misc_feature

<222> (216)..(231)

<223> n=unknown

<400> 2574

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cctccctgtc tgcattctgt ggagacagag tcaccatcac ttgccgggca agtcagggcg 120
aaaaatgatt taggctggta tcagcagaaa ccagggaag cccctacgcg cctgatctat 180
gctgcatcca ggttgcaaag aggggtccca tcaagnttca gcggcagtgg ntctgggac 239

<210> 2575

<211> 543

<212> DNA

<213> homo sapiens

<400> 2575

aaagatgagc tggaggaccg caataggggt aggtcccctg tgcaaaaagg gtcagaggcc 60
aaaggatggg aggggggtcag gctggaactg aggagcaggt gggggcactt ctccctctaa 120
cactctcccc tggtgaagct ctttgtgacg ggcgagctca ggccctgatg ggtgacttcg 180
caggcgtaga ctttgtgttt ctctgtagtct gctttgtcga gcgtcagggg gctgctgagg 240
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agggcgttat ccaccttcca ctgtactttg gcctctctgg gatagaagtt attcagcagg 360
cacacaacag aggagttcc agatttcaac tgctcatcag atggcgggaa gatgaagaca 420
gatggtgcag ccacagttcg tttgatttcc accctgggtcc cttggccgaa cgtccacggg 480
taacttttat gctgtagaca gtaataagtt gcaaaatctt caggctgcag gctgctgatt 540
gtg 543

<210> 2576

<211> 480

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (421)..(465)

<223> n=unknown

<400> 2576

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gaggttcagt gcgaaggcaa cagcttccat aaatcctgct tctgtgcat ggtctgcaag      120
aagaatctgg acagtaccac tgtggccgtg catggtgagg agatttactg caagtcctgc      180
tacggcaaga agtatgggcc caaaggctat ggctacgggc agggcgcagg caccctcagc      240
actgacaagg gggagtcgct gggatatcaag cagcaggaag cccctggcca caggcccacc      300
accaacccca atgcatccaa atttgcccag aagattggtg gctccgagcg ctgcccccca      360
tgcagccagg cagtctatgc tgcggagaag tgattggtct ggaagtcct ggcataaggc      420
ntgctttcga tgtgccaaat gtggcaaagg ccttgagtca accancctgg cagacaagga      480
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<210> 2577

<211> 546

<212> DNA

<213> homo sapiens

<400> 2577

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ggcctggcag ggggtggagt atgtgatcta agggtccttg gagaaggggtg gagtggaaga      180
ggcaggggtct tgggttaaag ggaagattct gaggtctcag ggcaaaggga aagggtgttg      240
gatgaagact gaggcagtgc ctacctccct ccacatctga ggatcaagca ggtgtggcaa      300
gaacagagcc ctggcctggg ctctgctggc cgcagcctca ggagccaggg ttaaggccag      360
agataaatga agatttgagc cattgataaa tgccaatata tgtttcaggt atttcattag      420
gatcctccca tcaagcaggg aactagatgt ttgagaagat caaacaacat cctgactttg      480
ggggccttaa gacctggggg attctcctcc cagtcctagt gggaggctat ccattcccac      540
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aaagac

546

<210> 2578

<211> 441

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (293)..(433)

<223> n=unknown

<400> 2578

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cggggacttc tcgaggatat tgtgatagta gcatctgcc aactgggtac ctcgatctct	180
ggggccgtgg caccctggtc actgtctcct cagcatcccc gaccagcccc aaggtcttcc	240
cgctgagcct cgacagcacc cccaagatg ggaacgtggt cgtcgcacgc ctngtccagg	300
gcttcttccc ccaggagcca ctcaagtgtga cctggagcga aanggnacag aacgtgaccg	360
ccagaaactt cccacctagc caggatgcct ccggggactg tacaccacga gcagccagct	420
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<210> 2579

<211> 433

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (4)..(4)

<223> n=unknown

<220>

<221> misc_feature

<222> (303)..(377)

<223> n=unknown

<400> 2579

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agtatgctgg tcacagcgaa ggtgggtggtg ccctggctgg gtcctgccg ggatgcccac      240
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ttngggctgn agccacgtgc caggcacgtc agcgtcacca gtcggttcag ggccagctcc      360
tccgacggcg gcggcanagg tggacctcgg gccggaatgt gtttcggatt ttgtgatgtt      420
ggcggttagt ggg                                         433
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<210> 2580

<211> 322

<212> DNA

<213> homo sapiens

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<221> misc_feature

<222> (8)..(320)

<223> n=unknown

<400> 2580

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gccagggaca ggccaggngg gccttgaggc ccctgggtgan ccaggcccca acctcaggca      180
ncgctggccc ctgctgctgc tgggtctggc cgtggtaacc catnnactgn tgngcccaac      240
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<210> 2581
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<220>
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 <222> (10)..(10)
 <223> n=unknown

<220>
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 <222> (494)..(513)
 <223> n=unknown

<400> 2581
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<210> 2582
 <211> 424
 <212> DNA
 <213> homo sapiens

<220>

<221> misc_feature

<222> (45)..(45)

<223> n=unknown

<220>

<221> misc_feature

<222> (234)..(411)

<223> n=unknown

<400> 2582

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cacgtttcct gtggcagggg aagtataagt gtcatttctt caacgggacg gagcgggtgc 180

agttcctgga aagactcttc tataaccagg aggagttcgt gcgcttcgac agcnacgtgg 240

gggagtaccg ggcggtgacg gagctagggc ggctgtcgc cgagtcctgg aacagccaga 300

aggacatcct ggaggacagg ngnggcnagg tggacaccgt gtgcagacac nacttacggg 360

gttggtgcag agcttcacag tgcagnggcg agtccatcct gaggtgactg ngatatcctgc 420

ccaa 424

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<211> 525

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (386)..(493)

<223> n=unknown

<400> 2583

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ccacagggga ggacattttc tgcagagttg ctgaaccagt agcaaccagg tccggagaaa	180
ggtctctctt gtggaagaat gagagccaag cggggaagtg tttcatcctg caaagctggg	240
gcagaagggt tttccttgaa tgtggtcata ttcacttcag ctcaggaatc ctggttggtg	300
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caggccagc acaaagcccc cgactncact cagcatcttg ctctgtgcag attcagaccg	420
tgctctccat tccactgtga gagggtcata acacttggan agctccactt ggcagggtga	480
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<210> 2584

<211> 417

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (53)..(63)

<223> n=unknown

<220>

<221> misc_feature

<222> (275)..(401)

<223> n=unknown

<400> 2584

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ggactcgtgt ggggtgtctt atgtatgaat gcgtgtatca ctgcatgcct tacctgcaca	180
ctgattttgt gaatggcctt gtgcatttcc tgtgtccact aacagccaag tccgacagct	240
ggaagaacaa ttaagaataa tggatcagac cttggnagca ttaatggctg cagaggataa	300
ggtactgatg gctcgtgtng ttttaggttt aactgcaacc ccagacatct ttcagcttcc	360

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<210> 2585

<211> 587

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (172)..(172)

<223> n=unknown

<220>

<221> misc_feature

<222> (579)..(579)

<223> n=unknown

<400> 2585
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tgtcatgagc tgcacgtgtg ccaatcagaa aggaatggaa gtctcagaag ancagcgtgg 180
cttacagacc cttggcttta gtgaattcag gcatgcggga tccatagtct catcttgtag 240
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aaaagaccac agggggacct tttgttcaaa gtagcaccaa tccacacctg attgtgtttc 360
caacattaac cttcctgttg actctatcat tggcactttg aatggaactt ctctgcttt 420
agtgaggatt cctacgtga ctaagcacac tgtgttgcta aactctctac aaagtgtggc 480
agcatcaacc cgggaaatgg cacatttgaa ccaggatcgc cctgacatgg gttgcctttt 540
tgtatgtgtt ttccccaccc cctgacctag ctggtatcnt gtggatg 587

<210> 2586

<211> 440

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (279)..(378)

<223> n=unknown

<400> 2586

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tgtccctgaa gctggcttct gtgattgccg cagacacggc tatctattat tgtgcgagac    180
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tctcctcagc atccccgacc agccccaagg tcttcccgtg gagcctctgc agcaccacgc    300
cagatgggaa cgtggtcacg gctgacctgg tccagggttc ttcccccagg agccactcag    360
tgtgacctgg agcgaaangg acagggcgtg accgccagaa attcccaccc agccaggatg    420
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<210> 2587

<211> 525

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (417)..(428)

<223> n=unknown

<400> 2587

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tggcccacca tgcaggagaa ggtgtcccc ttcttcagc cctcggctgc caccgcagc    180
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atgctggtca cagcgaaggt ggtggtgccc tggctgggct cctgccggga tgcccaagtc	240
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atctctcagg ccggtcagtg tgcacgtgag gttcgcttct gaacctaga gcagggctct	360
cgagggccgg tcggtgcagt gacagtcggg ggtggcagca tgagggagat ggggtangtg	420
gagttnangg agatggggta ggtggagttt aagggaactt gggcagggca cagttcacat	480
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<210> 2588

<211> 376

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (53)..(88)

<223> n=unknown

<400> 2588	
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agagttcttg ctcttttgtc cactgagatg gtcttggttt ttcacttaac aaatttttta	180
atggaatctt tgtttttgtt ctccatcttg tttgttagag tctctcgcc tttatttaca	240
aattccttgc aactaatagc gtccttccc caagatatgg tagtaagagt aatttttcat	300
tgtagtgtag tctccatcag taacagcaag gccctggaag acttgatcac tttttctgtg	360
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<210> 2589

<211> 209

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (174)..(174)

<223> n=unknown

<400> 2589

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actttacagc ttctgtggcc tcctattatt tgactcagcc actctcagtg tcagtggccc 120

tgggacagac ggccaggatt acctgtgcgg gaaacaacat tggaagcaaa actntgcact 180

ggtaccagca agaagccagg cctgggccc 209

<210> 2590

<211> 571

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (373)..(373)

<223> n=unknown

<220>

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<222> (536)..(546)

<223> n=unknown

<400> 2590

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tgtcttctcc acggtgctcc cttcatgcgt gacctggcag ctgtagcttc tgtgggactt 180

ccactgctcg ggcgtcaggc tcaggtagct gctggccgcg tacttgttgt tgctctgttt 240

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tgtcacagct cccgggtaga agtcactgat cagacacact agtgtggcct tgttggcttg 360

gagctcctca gangagggcg ggaacagagt gacagtgggg ttggccttgg gctgacctag 420
gacgggtgacc tgggtccag tcccgaacac aaaagagttg tcggcccaca cctgacagta 480
atagtcagcc tcatccccga cttggggctc tgctgatggg cagggtggcc gtgttncccg 540
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<210> 2591

<211> 217

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (26)..(201)

<223> n=unknown

<400> 2591

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agccaccctc tctgcaggg ccagtcagag tgtagcagc tacttagcct ggtaccagca 180
gaaacctggc caggctccca ngctctcat ctatggt 217

<210> 2592

<211> 433

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (21)..(427)

<223> n=unknown

<400> 2592

taaagccaag gaggaggagg ncgggtgagg tgaaagatga gctggaggac cgcaataggg 60

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gtangtcccc tgtggaaaaa gggtcagagg ccaaaggatn gganggggtc aggctggaac 120
tgaggancag gtgggngcac ttctccctct aacactctcc cctgttgaag ctctttgtga 180
cgggcgagct cangccctga tgggtgactt cncaggcgta gactttgtgt ttctcgtagt 240
ctgctttgct cancgtcang gtgctgctga ggctntacgt nctgtncctg ctgtectgct 300
ctgtgannnt ctctggggag tnacccgatt ngagggcggt atccacnttc cactgtactt 360
tggcctctcn nggatanang ntattcagca ggcananaac atnggcaggt ccagatttca 420
actgtnatc aga 433

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<210> 2593

<211> 497

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (23) .. (119)

<223> n=unknown

<220>

<221> misc_feature

<222> (450) .. (450)

<223> n=unknown

<400> 2593

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ctctctcggg cactgctgcc atgaatgcct tcctgctctc cgcactgtgc ctcttgng 120
cctgggcccgc cttggcagga ggggtcaccg tgcaggatgg aaatttctcc ttttctctgg 180
agtcagtga gaagctcaaa gacctccagg agccccagga gccagggtt gggaaactca 240
ggaactttgc acccatccct ggtgaacctg tggttcccat cctctgtagc aaccggaact 300
ttccagaaga actcaagcct ctctgcaagg agcccaatgc ccaggtagat acttcagagg 360
ctggaggaaa tcgctgagga cccgggcaat gtgaaatctg tgcctacgct gcctgtaccg 420

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gatgctaggg gggcttgccc actgctgctn ccctccgcag caggggaagtc ttttctcctg 480
cagaaagggc acccatg 497

<210> 2594

<211> 518

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (483)..(483)

<223> n=unknown

<400> 2594

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ctgcaggaga aaagagcttc cctgctgcgg aggggaggca ggcagtgggc aagccccctt 180
agcatccggt acaggcagcg taggcacaga tttcacatgt gcccggtcc tcagcgattt 240
cctccagcct ctgaagtatc tcctgggcat tgggctcctt gcagagagge ttgagttctt 300
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agttcctgag tttcccaacc ctgggctcct ggggctcctg gaggtctttg agcttcttca 420
ctgactccag agaaaaggag aaatttccat cctgcaacgg tgaccctcc tgccaaggcg 480
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<210> 2595

<211> 437

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (361)..(364)

<223> n=unknown

<400> 2595

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gggaattaaa gcaaatttgt tgtgtcaaca tcttgactca gatgttcaag tacctttgtg      180
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agattgttaa cctcaggcac atcttctgtt aatatctaag agtactactt gaagggtatt      300
ttctgtatth aataaattcc ttaaaaagga taattttcta ataaggagag agaaaatgat      360
nganacgttt gaacttgaaa gaaggctttg cataaaatta cagatcatcc agatcaatgc      420
ctaaaccaaa atgtcta                                     437
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<211> 389

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (6)..(6)

<223> n=unknown

<220>

<221> misc_feature

<222> (173)..(173)

<223> n=unknown

<400> 2596

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aagccccccg ggcacttctc tatctcacca ctaacagatt ctcttggaac cctgcccact      120
tcacaggcgc cttccttggg ggcaaagcta tcctgaaact gtcgggtgcg canctgagga      180
cgaggctgat tattattgct cgcttttctc tcgtggtaga ggtcctcaag tgttcggcgc      240
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agggactaag ttgatcgtec taggtcagcc caaggctgcc ccctcggtea ctctgttccc 300
gccctcctct gaggagcttc aagccaacaa ggccacactg gtgtgtctca taagtgactt 360
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<210> 2597

<211> 522

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (89)..(95)

<223> n=unknown

<220>

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<222> (506)..(506)

<223> n=unknown

<400> 2597

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gacgatcaac ttagtccttg cgccgaacac ttgaggacgt ctaccacgag agaaaagcga 480
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<210> 2598

<211> 495

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (162)..(162)

<223> n=unknown

<400> 2598

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cctctgctga tgaaaatgag ccagccctg accctgcagc tntgggagag gagccccagc 180
cgtgagattc ccaggagttt ccacttggtg atcagcactg aacacagacc accaaccatg 240
gagtttgggc ttagctgggt tttccttggt gctattttta aaggtgtcca atgtgaggtg 300
cagctggtgg agtcggggg aggcttggtg cagccagggc gatccctgag actctcctgt 360
acaacctctg gattcaggtt tgggtgattat gctatgagtt gggtcgccag ctccagggaa 420
ggggctggag ttagggtaag gtttcattag aaaacaaagc tgatgggtggg acaaattgaa 480
ttacgccgcg tctgt 495
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<210> 2599

<211> 579

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (297)..(308)

<223> n=unknown

<400> 2599

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tggcccacca tgcaggagaa ggtgtccccc ttcttccagt cctcggctgc cacgcgcagt	180
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aggtacttct cgcggggcag ctctgtgac ccctgcagcc agcgaaccag cacatcnttn	300
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ttccatgggc tcggcacagc ccggcaggac actggacagc ctgtagcagc cacagaggtc	540
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<210> 2600

<211> 478

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (4) .. (81)

<223> n=unknown

<220>

<221> misc_feature

<222> (402) .. (433)

<223> n=unknown

<400> 2600

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agccaccatt acctgctctg cagacaaatt gggggataag tatgcttcat ggtatcagca	180
gaagtcaggc cagtctcctg tgttggtcat ctatcaagat aacaagcggc cctcagggat	240
ccctgagcga ttctctgggt ccaactctgg gaacacagcc actctgacca tcaacggggac	300
ccaggctatg gatgagtcgg actattactg tcaggcgtgg gacagcagaa ctgtgggtctt	360
tggcggaggg accaagctga ccgtcctagg tcagcccaag gntgccccct tcggtcactc	420

tgntcccggc ctncctctgag gagcttcaag ccaacaaagg cacactgggtg tgtctcat 478

<210> 2601

<211> 504

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2)..(76)

<223> n=unknown

<400> 2601

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ctgtcttctc cacggtgtct ccttcatgcg tgacctggca gctgtagctt ctgtgggact 180

tccactgtct aggcgtcagg ctccagatagc tgctggccgc gtacttggtg ttgctttggt 240

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ctgtcacggc tcccgggtag aagtcactta tgagacacac cagtgtggcc ttgttggctt 360

gaagctcctc agaggagggc gggaacagag tgaccgaggg ggcagccttg ggctgaccta 420

ggacggtcag cttggtccct ccgccaaaga ccacagttct gctgtcccac gcctgacagt 480

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<211> 555

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (124)..(534)

<223> n=unknown

<400> 2602
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cggngggggg cccatctctg ctgacctggg tgtggcggag ggagaggcga ngctgcaaag 180
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agggaccac cagagcacia nanaaggtgg ctacctgggg gtgtcccagg gactctgtca 420
gtgccttcag cccaccagca ggagcttga gtanggggag tggggatgag tccgtcaagc 480
acaactgttc tctgagtga accaaanaag caaggagcta ggaaccccca gtcttgcccc 540
ccaggagcac aagca 555

<210> 2603

<211> 589

<212> DNA

<213> homo sapiens

<400> 2603
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atgatcagta aaaacatgca aaagtggaga ggaaaggga aaaggtgcat tcccctaagc 180
tgagggggat ggaatttcag aacagaggag gcagggtgga caagtaccag gtggctctcc 240
ctttccctct gtgttatctt tcaaaacagt tccaagcttg gagaaagcaa tgagctccac 300
ctactcagca gaaccacagg ctctgcccc gtggacgtga ctggaaaggg cccaaagggtg 360
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tgtgctctg gggggcagga ctgggggtcc tagctccttg cttctttggt tccactcaga 480
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<210> 2604

<211> 482

<212> DNA

<213> homo sapiens

<400> 2604

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ctgtctcttt cccttgcacg ctctggctac ctggctttac gctgggaata gaggggctcg	180
atggtctacc ccacgtgctg ccccaaccac gagacaggctg tggctttgcg atgacctggt	240
attcattcaa atggattggt tggaaaattt tctcacctg aactatcctc ctctccttgt	300
caactccctc ctctcaccac aatgaggagt tacgctgttt ttgggttttt ttagccagtc	360
aaatatagca gtgggaggtt gtataccaat tttagtaca caaatgttaa taagttctga	420
taaccacta ccacggacc agccggagtt acactgttgt tttgacagca ggggtgtctct	480
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<210> 2605

<211> 493

<212> DNA

<213> homo sapiens

<400> 2605

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aacagtgtaa ctccggctgg tccgatggta gtgggttata agaacttatt aacatttgtg	120
tcactaaaat tggatataca cctcccactg ctatatattga ctggctaaaa aaacccaaaa	180
acagcgtaac tctcattgt ggtgagagga gggagttgac aaggagagga ggatagttca	240
ggtgaggaaa attttccaac caatccattt gaatgaatac caggtcatcg caaagccaca	300
cctgtctcgt ggggtggggc gcacgtgggg tagaccatcg agccctcta tcccagcgt	360
aaagccaggt agccagagcg tgcaaggga agagacaggc aggagagacc cctcctaaga	420
cgcaggatct gcctgtaaaa cgcccaaaag tctgaggtt taagaggaat cgtgcccttt	480
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<210> 2606

<211> 516

<212> DNA

<213> homo sapiens

<400> 2606

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gcctgggtct gtgtctcttt tctctttctc cttagtcttc tcatagcatt aactaatcta     180
ttgggttcat tattggaatt aacctgggtgc tggatatattt caaattgtat ctagtgcagc     240
tgattttaac aataactact gtgttcctgg caatagtgtg ttctgattag aaatgaccaa     300
tattatacta agaaaagata cgactttatt ttctggtaga tagaaataaa tagctatatc     360
catgtactgt agtttttctt caacatcaat gttcattgta atgttactga tcatgcattg     420
ttgaggtggg ctgaatgttc tgacattaac agttttccat gaaaacgttt tattgtgttt     480
ttaatttatt tattaagatg gattctcaga tatttta                                516
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<210> 2607

<211> 559

<212> DNA

<213> homo sapiens

<400> 2607

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aaaacacaat aaaacgtttt catggaaaac tgttaatgtc agaacattca gaccacctca     180
acaatgcatg atcagtaaca ttacaatgaa cattgatgtt gaagaaaaac tacagtacat     240
ggatatagct atttatttct atctaccaga aaataaagtc gtatcttttc ttagtataat     300
attggtcatt tctaatacaga acacactatt gccaggaaca cagtagttat tgttaaaatc     360
agctgcacta gatacaattt gaaaatatcc agcaccaggt taattccaat aatgaaccca     420
atagattagt taatgctatg agaagactaa ggagaaagag aaaagagcac agaccagggc     480
ctggctcaac atgctactaa ctaccagctc tctgaagtgt cactgggacc aggagtcatc     540
aaaggggctc ggtcttcag                                                    559
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<210> 2608

<211> 509

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (97)..(121)

<223> n=unknown

<220>

<221> misc_feature

<222> (414)..(414)

<223> n=unknown

<400> 2608

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aattttccat ttacttcact ggtctagtaa aattatnnnn nnnnnnnnnn nnnnnnnnnn 120

ntatataaac attcacacac atacatatgt acaggtattg ttatttgtaa ttgaccctt 180

gtatttttta gtttaaaatg ttagtactgc aaaatgttat gtcctcaaaa acacattgta 240

ccatgattat gccgctttca atattgtaaa gtgaggtttt tgccgcatta ttattttttg 300

gatttcaata gcatagcttc aagttattcg taagaatttt ttataaataa tacattttta 360

tactttttta taattacat atctcatagt gaagtatata atatatatga tatnagctca 420

atatagtata ttaattccgt taaacacaaa gacatatcag tttgtagctt tgggtgggata 480

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<211> 461

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (459)..(459)

<223> n=unknown

<400> 2609

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agcctgtgat actttctgta ctgcgggtgg aacattccta ccaccagcaa cctgtggaaa 180
gtaaaattag ttgtaaaaca agaatttttag gcatatttac tgtttgtatt cagcttgcct 240
taggtacaaa tcaggtaaaa ctgaaactcc cagcggagac aatttttatt tgctggaaag 300
atgcttacct acatttcaac aggagctctg cttaaaattc aatgggacac cagcctagaa 360
ctaatttgcc tttttacatt tccaaaataa cactagtatt ccagcctaaa atatttattc 420
ctataagatt atagatactt tttggaaaat atttttaang g 461
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<210> 2610

<211> 438

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (409)..(428)

<223> n=unknown

<400> 2610

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ttctcttttc accaactgcg tgtttccact tctcatagac ctatgattta attattcttt 180
ttacctgttc aaggtgagag atggatgcaa caagagtagt acctaataat aataaaaggg 240
catcctgtgg tagaggatcc ctctgccagc ctccaagcta gaaccaaggc aacaagccac 300
cctccaagga aaggtgtggt cagagattct agcaataaaa gagtgtgtct ttcattcattt 360
tctaatatgc catcatcacg ttctgagttc aggtgcttat tctatttant acagcacatc 420
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tgggggggnc ttttgtga

438

<210> 2611

<211> 63

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (48)..(60)

<223> n=unknown

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cct 63

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<213> homo sapiens

<220>

<221> misc_feature

<222> (232)..(310)

<223> n=unknown

<400> 2612

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ttttttgtgc tcgacttttc cacccttttt cctccctcc tgtgctgctg ctttttgatc 180

tcttegacta aaattttttt atccggagtg tatttaatcg gttctgttct gncctctcca 240

ccacccccac cccctccct cgggtgtgtg tgccgctgcc gctnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn cgccccgtcg ttacaccaac ccgaggctct ttgtttcccc tcttgatct 360

gttgagtttc tttgttgaag aagccagcat gggtgcccag ttctccaaga ccgcagcgaa 420
 gggaga 426

<210> 2613

<211> 447

<212> DNA

<213> homo sapiens

<400> 2613

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 agtcctgtat aagtaaatac ttacacatat aactttgctc ccaagtaaca tggaacacga 180
 ggaattctgt gtgaatcagt gaggaccata tctcataagg ctaaatactc ttactaaccg 240
 atagcgcata gtaccgtgag ggaaagggtga aaagaacccc tggaggggag tgaaatagaa 300
 ccgaaattgt gtgcttaciaa gcggtcagag cccattaggg tgatggcgtg ccttttgag 360
 aatgatcctg cgagttacgt taaacggcga ggttaagtat aacggagcca aagggaaacc 420
 aagtcttaat aggggtgatat agtcgtt 447

<210> 2614

<211> 497

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (269)..(366)

<223> n=unknown

<400> 2614

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 ctttgctgcc ttatcagctt tcgtgcttct ttttgagatt ttatttgaac tgtttgatgt 180

cctgctttgg ttggaaggtg tgcacctgaa gtagctgggt aaataagggg agctgttagt	240
gatgaggggt cctttggcag taaggaanc ctcttttgcc agatggcagc gtgggaatga	300
aaggatgtga taggcattct tggagtttgt ataaatgttg acttgtttgc ctttggaaan	360
ggttanggct tctggtgaga ctgtaagttc tgcttttttg ggggaggttc ctgaaggtaa	420
ggggcctggc tttaattact tggtaagag aaacaactgc atatccagca attctggaag	480
gaaccagcgg gcctgga	497

<210> 2615

<211> 499

<212> DNA

<213> homo sapiens

<400> 2615

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caggggtggtg ggggtccct accaaggcaa tgccacggct ttgttcattc tccccagtga	180
gggaaagatg cagcaggtgg agaatggact gagtgagaaa acgctgagga agtggttaa	240
gatgttcaaa aagaggcagc tcgagcttta ccttcccaa ttctccattg agggctccta	300
tcagctggag aaagtctct ccagtctggg gatcagtaac gtcttcacct cccatgctga	360
tctgtccggc atcagcaacc actcaaatat ccagggtgtc gagatgggtg acaaagctgt	420
ggtggaggtg gacgagtcgg gaaccagagc agcggcagcc acggggacaa tattcacttt	480
caggtgcttg gggaaatgt	499

<210> 2616

<211> 479

<212> DNA

<213> homo sapiens

<400> 2616

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atcgtctacc tgccctgcat ttaccgaaac acaggcactg aggcaccaga ttatctggcc	180
actgtggatg ttgaccccaa gtctccccag tattgccagg tcatccaccg gctgcccattg	240

cccaacctga aggacgagct gcatcactca ggatggaaca cctgcagcag ctgcttcggt 300
 gatagcacca agtcgcgcac caagctgggtg ctgcccagtc tcattctctc tcgcatctat 360
 gtggtggacg tgggctctga gccccggggc ccaaagtgca caaggtcatt gagcccaagg 420
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<210> 2617

<211> 62

<212> DNA

<213> homo sapiens

<400> 2617

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gc 62

<210> 2618

<211> 323

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (92)..(92)

<223> n=unknown

<220>

<221> misc_feature

<222> (276)..(276)

<223> n=unknown

<400> 2618

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gggcgaccaa tcttgagtcc accaactgac cacgcccata cccagccttg tgcctcacct 180
 acccccaacc tcccagaggg aggagctatt taaggggagc aggagtgcag aacaaacaag 240
 acggcctggg gatacaactc tggagtcctc tgaganagcc accaaggagg agcaggggag 300
 cgacggccgg ggcagaagtt gag 323

<210> 2619

<211> 499

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (164)..(164)

<223> n=unknown

<220>

<221> misc_feature

<222> (482)..(482)

<223> n=unknown

<400> 2619

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 gtgagggatg ctttctgcat ggccaaggaa cttggttagg gtangggagg agggatagag 180
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 tttctagcaa aacaggtggc agcagcctta tcacactcac acagttgact tctgcaggag 360
 tctgtttttg cacaggtgat tctgctcccc gagttgctaa acttgtagct cagaaatttg 420
 gtgccacatc cacgtttctc cagacgtttg tagcaacagt catgagtgac acagcagcga 480
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<210> 2620

<211> 329

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (202)..(202)

<223> n=unknown

<400> 2620

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ttgtgaaaaa gggaagcgtc anccacacaa aagcctgcat gaccgctgct tcggagaagc      240
tctcgaccct aactgcagtc actgttactt ggatcagatc aagcgcagtg actttttggg      300
attcagtggg tattctccca cacttcgta      329
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<210> 2621

<211> 516

<212> DNA

<213> homo sapiens

<400> 2621

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taggccaaag ttcagtatta aatagatatc ctaataaaaag tttttacaag ttttctaag      180
gaaatacatt cataagactg tttaccttct gtttgacagc agtgacagga acgtggggat      240
ccccactcat gacgagtcct tagcactcag cccttggcac ccacagcccc ggcgcgctcc      300
gtcacctggg agggagcagc ctgggctgcc gtgagtgagg tgttctcact ctggttccgt      360
gtttgtgttt agcctgtgca attctcgtca acacagaaca cctgcctgcc ccccccggt      420
gctgaagacc gaccagtcaa ggaggtgttg gtgggagtggt tgtgttcacc atgtggagat      480
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<211> 418
<212> DNA
<213> homo sapiens

<220>
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<222> (35)..(35)
<223> n=unknown

<400> 2622
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tttgctgcc tgctcaggct gggcactcag caggtcggcc cccttcagct gcacaccggg 180
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<210> 2623
<211> 436
<212> DNA
<213> homo sapiens

<220>
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<222> (196)..(422)
<223> n=unknown

<400> 2623
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aggtccaag tccttcgtgc tgctcttggt cattcagtga ctgcagtttt ggcccagaag	180
ccatccaaga tgagcnagtg ctgagncatc cttaactcat acctagatnn aacaacttnc	240
gcngaaacgc tngtnctccc cagtnanccc ttagcatcat attccaatac aggaaaggna	300
tnaggncagc tttcatgnga tacatggaaa ggcgctcttt gctttnatcn aaggggaagg	360
tttctagcgg tctgctttgt agtcaaactc ngcnagaatc acacggttgt agccggtcac	420
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<210> 2624

<211> 298

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (155)..(262)

<223> n=unknown

<400> 2624	
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gttcgccgcc ccgctcgccg ccgcgatgcc agtgtttcat acgcgcacga tcgagagcat	120
cctggagccg gtggcacagc agatctccca cctgntgata atgcacgagg agggcgaggt	180
ggacggcaaa gccattcctg acctcaccgc gccgtngcc gccgtgnagg cgncgtcagc	240
aacctcgtcc gggttggaaa anagatgttc aaaccactga ggatcagatt ttgaagag	298

<210> 2625

<211> 499

<212> DNA

<213> homo sapiens

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<221> misc_feature

<222> (222)..(222)

<223> n=unknown

<220>

<221> misc_feature

<222> (370)..(475)

<223> n=unknown

<400> 2625

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tagattcata ctttaaaggc attaataattg catttatatc aggcaagcaa ctatacaaat 180
atgctgaggg ccttgaaaat aatcatcctc attataaagg anatagtga agcctgagtg 240
taaaggacca acttaagttg tacacattcg atgttgggaa ctaacacaca gcgatgggtg 300
ggaaggaagg gtgttcaggc aaggttctta ctcccttact catctgggtc tggctttggg 360
gaaaaataan gtttcntgtg ctnggnaaat acttagcagt ngtaagtacc aaanaggga 420
cactgncctc tcantttgcc tagtagggac ttactgnggt gataaggagt atggnaaccc 480
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<210> 2626

<211> 331

<212> DNA

<213> homo sapiens

<400> 2626

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ggagtcggtc ccggtccggc cccccagaac tccaactggc agacaggcat gtgtgactgt 180
ttcagcgact gcggagtctg tctctgtggc acattttgtt tcccgtgcct tgggtgtcaa 240
gttcagctg atatgaatga atgctgtctg tgtggaacaa gcgtcgcaat gaggactctc 300
tacaggaccc gatatggcat ccctggatct a 331
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<210> 2627

<211> 500

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (263)..(263)

<223> n=unknown

<400> 2627

ttcgataata tgaaagcaag gagaaactaa gttgcacccat ttagctaagt tcagggacaa	60
cattcattta taataaatca aaaatttgat ttttttcatg ccatcagttg tacttaagca	120
tatccatcat atttcagttg caaaagatgg tgaagaactc aagctgaaga ggtgtctgct	180
gaattttgtt gtttcggtaa gagcttttca ccatcagttt ttagaaagta cgcattggctc	240
tccttctgtt gatattctctc ttnatttggc aaagagtaca atgaggacag caaagagttg	300
ccatatagtc atcacaaata gatccagga tgccatatcg ggtcctgtag agagtctca	360
ttgcgacgct tggtccacac agacagcatt cattcatatc agctgcaact tgacacccaa	420
ggcacgggaa acaaaatgtg ccacagagac agactccgca gtcgctgaaa cagtcacaca	480
tgctgtctg ccagttggag	500

<210> 2628

<211> 270

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (27)..(27)

<223> n=unknown

<220>

<221> misc_feature

<222> (210)..(451)

<223> n=unknown

<400> 2628

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gtatttttaa ttttttttat ttttgnnttt ttatttttaa tctttcattt gttaaatttt      60
taaactgtgc tgcaataaaa tgtgtgtggt actacttaac acttatgacg gtgatggcat      120
tttccttgaa agccatcttc ctctgttttc ccttgaaatc ccatcctgct tttcctgtac      180
actacccttc acaaaaccac aagctgcagn aacatggatg cccagcctgg agcagcagca      240
nccagnatga nctggagcca ggggggcttc      270
```

<210> 2629

<211> 488

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (346)..(463)

<223> n=unknown

<400> 2629

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gtatcaaaat taaaagcaaa aattacaggg taagacttaa caaaactact aggagcgtca      60
aaggaagtga aaatgggact aggcgcgggg caatatgaat taatgaacat ggggaaggaca      120
aggatgggga gaacagtga catgtgctga agatactagg ggagaggatc tggtgaaaaa      180
tttgatctta gacaagcgcc taggtaaaga aataatggga taagatttct aaacccact      240
atgtgcttaa gagtcactct cgccattggc gctgtctctg tcatactctc ctccctcagc      300
ctctttttca tcatacttga tcaactccag ctggatcatc ccccgnnnnn nnnnnnnnnn      360
nnnnnncagt aggtccccct cctcagcaga gtcacttgca cccccctcag actccatctt      420
cacattagtc tcatacttct ttnacgggag ctngctgctc tgnctctct tctgacttat      480
cattcttc      488
```


<210> 2630

<211> 245

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (197)..(197)

<223> n=unknown

<400> 2630

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atttaatagt catttgtgat atcttagggg aataaaaattt taaaatatgt atatgttttt 60
gattgaacag acacaacatg acaatctaata gattaagaag atatgggtcc tacgttttgg 120
gtctttccag tattgtcaac agtgtaggag ttttcgatgg gaaatagcca tagtcatcaa 180
aaatccattt atttagnttt aaaatatact aaaatatctt attgtaatgt ggagtacatc 240
tgcct 245
```

<210> 2631

<211> 468

<212> DNA

<213> homo sapiens

<400> 2631

```
ttgatataaa aatataatta aaaaattttt ttgggtggaa gacagatgat gctcaaattt 60
cttttccatt aagcagttgt ttctggtgat gaagaatgat ttggtaaagc agttaacaaa 120
acattttcca aagacaccag aggggtctgta tagtactgca aagcaggact gaatcccttc 180
tgctgcaaata actggattcg accttggtca atcagcaatt taaaagatg ccctattttc 240
ttcttttctt caacactaag aagcccaggc aaacaatcag cgccatcatc tgtgattctg 300
tactctccat catcatgctc ttactatca tcattctgat tatcttgctt ctttgtggta 360
ctatttgagg ttccaaaga tgttttccgc atcccacaag ttgcccaact actcattcgc 420
tggaataat ggaattccac tgctccaagg cctagagcct gaaatatt 468
```

<210> 2632

<211> 507

<212> DNA

<213> homo sapiens

<400> 2632

```
ggagccccag ccttgggatt cccaagtgtt tgtattcagt gatcaggact gaacacacag      60
gactcaccat ggagttgggg ctgagctggg ttttccttgt tgctatatta gaaggtgtcc     120
agtgtgaggt gcagctgggt gagtctgggg gaggcttggt acagcctggg gggtcctga      180
gactctcctg tgcagcctct ggattcacct tcagtaacta cgacatgcac tgggtccgcc      240
aagttacagg caaaggctct gaatgggtct cagctattgg tactggtggg gacacatact     300
atctaggctc cgtgaagggc cgattcacca tcttcagaga gaacgccaag aactcgttgt      360
atcttcaa at gaacagcctg agcgccgagg acacggctgt atattattgt gcaagagaag     420
atcatactac cagtggctgg atcgggcccc ttgactactg gggccaggga gccctgggtca     480
ccgtctcttc agcatccccg accagcc                                           507
```

<210> 2633

<211> 451

<212> DNA

<213> homo sapiens

<400> 2633

```
gcgcccaagc cgccgccgcc agatcgggtgc cgattcctgc cctgccccga ccgccagcgc      60
gaccatgtcc catcactggg ggtacggcaa acacaacgga cctgagcact ggcataagga     120
cttccccatt gccaaaggag agcgccagtc ccctgttgac atcgacactc atacagccaa     180
gtatgaccct tcctgaagc ccctgtctgt ttcctatgat caagcaactt ccctgaggat      240
cctcaacaat ggtcatgctt tcaacgtgga gtttgatgac tctcaggaca aagcagtgct      300
caagggagga cccctggatg gcacttacag attgattcag tttcactttc actgggggttc     360
acttgatgga caaggttcag agcatactgt ggataaaaag aaatatgctg cagaacttca     420
cttggttcac tggaacacca aatatgggga t                                           451
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<210> 2634

<211> 555

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (548)..(548)

<223> n=unknown

<400> 2634

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aatattttatt aagttatgat atattgtctg aatggaaata tactctgtat cacaactcta      60
attataacaa tttttacaga taatacttca tttatatctc tgtaattcaa aagtcattaa      120
attacaacag aattcatatt taagataact ttgctataaa tatataataa tttttaaagt      180
ttttctttta tataacatct tgaaatcatg aacatttatt ttttctgggt tacattacat      240
agaatcatga ctattttacc tgatttgcct taactagctc aatttatctt gtgctatgga      300
tttgcaactca accattctac tttcctatgt tttaaaagca gcattttagt caacaattgt      360
gagtgtcat caccctacat gctgtgaaca aagtcaaggt actttattct tatttcttat      420
cctatattct gtgttacaga aaaactacta ccataaacia agcaccaacc agccacagca      480
gttgtgtcaa gcatgacaat tggctagtc ttcacatttt attagtaagt ctatcaagta      540
agagatgnag ggtct                                         555
```

<210> 2635

<211> 464

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (373)..(373)

<223> n=unknown

<400> 2635

gggaaccacc ttctgtagga cagtcaccag gccagatcca gaagcctctc taggctccag 60
 ctttctctgt ggaagatgac agcaattata gcaggaccct gccaggctgt cgaaaagatt 120
 ccgcaataaa actttgccag tgggaagtac ctagtgaaac ggcctaagat gccacttctt 180
 ctcattgtccc aggcttgagg ccctgtgggc cccatccttg ggagaagtca gctccagcac 240
 catgaagggc atcctcgttg ctggtatcac tgcagtgtt gttgcagctg tagaatctct 300
 gagctgcgtg cagtgttaatt catgggaaaa atcctgtgtc aacagcattg cctctgaatg 360
 tcctcacat gcnaacacca gctgtatcag tctcagcca gttctctct agagacacca 420
 gtcagattat accagaatat gttctgtctc gcggagaact gcag 464

<210> 2636

<211> 421

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (194)..(232)

<223> n=unknown

<220>

<221> misc_feature

<222> (415)..(415)

<223> n=unknown

<400> 2636

gcatttcaca aactcaacag agtgccatga taagagctag ggatcccca aactatctca 60
 agcatctaaa aaattgccat ttttaaaggc ttaaattgta gtagtaaagg ggaaaacagg 120
 aagtagtagt aaaggggaaa aaaaaccaat aaagtatcta aaaaattggc atgttaaaag 180
 gcttaaattg ctannnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnn nncacacaca 240
 tatcattgac ttttcttaag acttcagagt actgggtaga tgaacacttt atacagtata 300
 tatcttcagc ttaaatttgt tttagagtatt tttttttatt tttaaataag taggcaaaga 360
 tttaaaattt ttttattttt agtaaatgtt tgaggcacac taagacaact tgcgnatatt 420

t

421

<210> 2637

<211> 530

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (473)..(508)

<223> n=unknown

<400> 2637

gtacattaca tattagtgt caaatatatg ttcatttcca gaatgaattt ttgcacagta	60
atcatatatc catttaatat gtataaagtg ttcttgggga tgggggtata ttcactcact	120
gtaccatggt ttatacaggc ttcaacatgc aaatttggtt atatcatggc cttcaatgat	180
cctccattct cattcctgta gattaagagt tcatattgta tatctgaccc tgaaatgtac	240
aaacttcaca ctacaacatt cttcatgaca ctatttggtt tgaggaaagt tgcagctaaa	300
tattagtcac gtgacttaaa ttttgagaaa atggaaaatg taataggtat aaatttctctg	360
acacatacag caagacaaat ccagcccagc ctttgatgat caacttaaaa gctggagatg	420
tcattatctt gttgtgtaaa tttgggtcta tccctacctt tacttctctg tgnctgattt	480
tcctcatcca ctttgaattc ggcattcnaa ttaatccact tttgcctaaa	530

<210> 2638

<211> 295

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (216)..(264)

<223> n=unknown

<400> 2638
gctgggcctc tcagtagctc tgcccttga aattgcaaat atgggagttg acaggctgac 60
ttggaggagg ctcatgttcc aactattcac tcattgtgca agctacgggg cctctttgtg 120
cccagtgcc taggtctgga ataacagaat gctgaggggt agacagcagg ggggagttgc 180
ccccaggttc ctgaccagtc ctctacggc ttatancacg tcgacatcca gaacttctcc 240
tccagctnga gtgatgggat ggcnttctgt gccctggtgc acaacttctt ccttg 295

<210> 2639

<211> 445

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (3) .. (4)

<223> n=unknown

<220>

<221> misc_feature

<222> (153) .. (153)

<223> n=unknown

<220>

<221> misc_feature

<222> (277) .. (277)

<223> n=unknown

<220>

<221> misc_feature

<222> (431) .. (433)

<223> n=unknown

<400> 2639

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gcnnnggggga ggggtgtcgca acagacaggg cagcgggtggg cggacgcaca ggcaggagac 60
gggtgcccggga gagtggggggc ggcagttgcc actggctggc catgcgggcg ggcaggctag 120
acattcttgc cgcgcaggcg cagttcgtgg cgncgcaggt ggttgtagag cgactgcaca 180
taggtgaaga cacacttggg gtcaggcttc ttgcccata tcatcatgtc gtccacctcc 240
accagggggca cacagtccac cagcatccgt ggggccncga gcaggggtta ggactttttg 300
gtttttacca gccccttctg gaccagacag cggtagaatt cctggatgta cgtgtacacg 360
cacttccagt caggctctcg aagccgcacc atgtcctctg tatccaggag ctgcgggcag 420
tccgcatggg ncncgcaga tgaga 445
```

<210> 2640

<211> 361

<212> DNA

<213> homo sapiens

<400> 2640

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gagagacaga ggcaccccg acagagacgt gaagcactga ataaatagat cagaatgact 60
gaaaaagccc cagagccaca tgtggaggag gatgacgatg atgagctgga cagcaagctc 120
aattataagc ctccaccaca gaagtccctg aaagagctgc aggaaatgga caaagatgat 180
gagagtctaa ttaagtacaa gaaaacgctg ctgggagatg gtcctgtggt gacagatccg 240
aaagccccca atgtcgttgt caccggctc accctggttt gtgagagtgc cccgggacca 300
atcaccatgg accttactgg agatctggaa gccctcaaaa aggaaacat tgtgttaagg 360
a 361
```

<210> 2641

<211> 355

<212> DNA

<213> homo sapiens

<400> 2641

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acagtgtctc tcacaaaaga agaactccct ctggcagggg atgtgactag ggactcattg 60
```

ggccagcaac aaccacaaaa gaatctaggc attagaatga actactggaa cctgagtcaa	120
agacctgtta gtgataattt gcccattttc tggcctctag ttgcttgaat aggggtaaga	180
cagggaaata ttaaatgatt gtgtactgag atggagacgt ggaagatctg gccctgatgg	240
aggatcagag ggagcagggt gggtgaaagc ccggttttaa gcctcttggt ctagggacca	300
cgttgagtga caaggtggga aaaagatgca tcaataaggg aatgtggcag tgttg	355

<210> 2642

<211> 426

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (50)..(50)

<223> n=unknown

<400> 2642

ggagataaga aatatgactc tcttggtaga gaagcttgag acactagacn aaaacaatgt	60
ccttgccatt cgccgagaaa tcgtggctct gaagaccaag ctgaaagagt gtgaggcctc	120
taaagatcaa aacaccctg tcgtccacct tctccact ccagggagct gtggcatgg	180
tggtgtggtg aacatcagca aaccgtctgt gggtcagctc aactggagag ggttttctta	240
tctatatggt gcttggggta gggattactc tccccagcat ccaaacaag gactgtattg	300
ggtggcgcca ttgaatacag atgggagact gttggagtat tatagactgt acaacacact	360
ggatgatttg ctattgtata taaatgctcg agagttgcgg atcacctatg gccaaagtag	420
tggtac	426

<210> 2643

<211> 372

<212> DNA

<213> homo sapiens

<400> 2643

gggcaggcag cagctggctg accaagtcca ctggaagaga aggcttgtgc cagccgggag	60
---	----

aaggaagccg gggacaggat gaaagcaaca acacctttgc agacagtcga ccggcccaag	120
gactggtaca agacgatgtt taagcaaatt cacatgggtgc acaagccgga tgatgacaca	180
gacatgtata atactcctta tacatacaat gcaggtctgt acaaccacc ctacagtgt	240
cagtcacacc ctgctgcaaa gacccaaacc tacagacctc tttccaaaag ccaactccgac	300
aacagcccca atgcctttaa ggatgcgtcc tccccagtgc ctccccaca tgttccacct	360
ccagtccgc cg	372

<210> 2644

<211> 408

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (169)..(250)

<223> n=unknown

<220>

<221> misc_feature

<222> (372)..(394)

<223> n=unknown

<400> 2644

actgagtcca ctctgaacgt gctaaaatgg gaaggaggcg gtgttttgat gatctgttaa	60
attcttagtg aagtttcctt gatttccagt ggctgctgtt gtttgagttt ggtttggagc	120
aaaactgagg tagtcctaac atttctggga ctgaatccag gcaagagann nnnnnnnnnn	180
nnnnnnnnnn nnnnnnnnnn aaaggtaggg agaaataaan ggaggagaga agcacagtga	240
aagaaaaaan aagtcctttt tcgacatcac attcctgtgt tttccctcag cctggaaaac	300
atattaatcc cagtgttttt acgcccggaa acaaagagac taagccagac tatgggggaa	360
aggagataa gnaggatcct ggaactttaa agangggaaa gagtgaga	408

<210> 2645
<211> 346
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (304)..(332)
<223> n=unknown

<400> 2645
agactccttt gcttttttaa ggggaacatt cccacactgc agctcgtcct ccagctgaga 60
ggcagtaggc cggctgaggt cactactctc ctcatactca ttactaagaa ttttgtcctg 120
ggccttcttt ttgggaggtt tctcctttgc tggcttgga ggacctggca ccacatttgg 180
gtctcgggtgg ccatgttccc gcctgtccat gcggttgctc cggaaacggc ctgggccagc 240
agccttcttg ctgggttctg agatggtggt gggaggggca tttgtgaagc tctgcaagct 300
ggtngccttg ctgggnctcc tggtnngctg tngcctctcc ctgtgc 346

<210> 2646
<211> 346
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (54)..(54)
<223> n=unknown

<400> 2646
atgcagtttg catgcattga tttttgcac tggctgggt gtagtgggaa agancctaat 60
ctatttcatg aagccacatg cagatgtctg cccccccca tggctgcagg ctttgccttc 120
agccttcttt caaggaaagc ctggggcttt ctggtttctc atttatattt gtgtctgcag 180

ggtgcaacac cggaggattt cagcaacctc ccacctgaac aaagaaggaa aaagctgcag	240
cagaaagtcg atgagttaaa taaagaaatt cagaaggaga tggatcaaag agatgccata	300
acaaaaatga aagatgtcta cctaaagaat cctccagatg ggagac	346

<210> 2647

<211> 353

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (7) .. (351)

<223> n=unknown

<400> 2647	
aaacagnctt cgacatatga agtgggggaca taannctctt catcttcatt tctcognatg	60
cgggtncagn catcgctttt gtcttcctct atganatacn atgtntctcc ttcaactang	120
gaaatngttc cttcattctg accttgcaaa tntgtagaca gntttgcacg ccnctatggc	180
anggaggggc tctcatcat naaactcgtc gtcaaaatnc gtggccanca cnttcatctn	240
actctcnga ctctgtact ctgtgtaang cnanntnggc tntnanggtc ntgcgcgnag	300
ttgttgactn tgggtangtt ntggctgtng tacantncgc nctgccggag nga	353

<210> 2648

<211> 505

<212> DNA

<213> homo sapiens

<400> 2648	
gctcaggaa gacttatgtt ccaagggcct gctcaggagg ccttgggata ctttgaatca	60
gctggttata actgtgaggc ctataataac cctgcagact tcttcttgga catcattaat	120
ggagattcca ctgctgtggc attaaacaga gaagaagact ttaaagccac agagatcata	180
gagccttcca agcaggataa gccactcata gaaaaattag cggagattta tgtcaactcc	240
tccttctaca aagagacaaa agctgaatta catcaacttt ccgggggtga gaagaagaag	300

aagatcacag tcttcaagga gatcagctac accacctcct tctgtcatca actcagatgg	360
gtttccaagc gttcattcaa aaacttgctg ggtaatcccc aggctctat agctcagatc	420
attgtcacag tctgtactggg actgggtata ggtgccattt actttgggct aaaaaatgat	480
tctactggaa tccagaacag agctg	505

<210> 2649

<211> 528

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (428) .. (428)

<223> n=unknown

<400> 2649

aatgtatctc tttaaaacaa ttgctgctgt gcaacagtgt gatggcaagg gaacagaaaa	60
caacaaaaaa acttgattga atacttcaat caaagtgctt cttttttatg tgaggataaa	120
tcatactgaa ttaaggggaa atttaagaat attttttaag aaataacaat ttcaggtagg	180
caattgtgag gaaaataaca atcatacaag ccaaggccac gtgattcttc cacaagcccc	240
aggggtgagag atcgatgccc tgctttacca aatattcttc gccagtacat gttgcatagt	300
tacaaggatt gtttctgtgt gcattgagtc ctgggcagaa gttttgtccc aaaaattcat	360
tatgctgcaa agccgtaaata ccatatcgtg gaatgctgaa gtactgaagc catgacagcc	420
aagatgcnat ggttgtgaga ttgaccaaca gacctgaaaa atcatcataa acacaaaaca	480
gatgggcatg agaagtgttg ctacagaaac cacactctga cctgctgc	528

<210> 2650

<211> 355

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (37)..(77)

<223> n=unknown

<400> 2650

```
ctagtattct actagaactg gaagattgct ctccganttt tgttttgtaa ttttgnttaa      60
aaaataaaaa acttgangcc aaagcaattc ctattggctc ccaggatatt ttgctgtgct      120
gtgcaaggaa tctgctagct caagattcac aatgttgaaa gcccttttcc taactatgct      180
gactctggcg ctggtcaagt cacaggacac cgaagaaacc atcacgtaca cgcaatgcac      240
tgacggatat gagtgggata tgtgagacag caatgcaaag atattgatga atgtgacatt      300
gtccccagac gcttgtaaag gtggatgaag tgtgtccacc actatggagg atact          355
```

<210> 2651

<211> 404

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (189)..(189)

<223> n=unknown

<220>

<221> misc_feature

<222> (395)..(395)

<223> n=unknown

<400> 2651

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tccaacccaa taagcaggca gctttgagga caaaaaggca acattaaaag ataagaccct      120
agaagtcaga acatctgtat tccaaggcca ccccttctcc ttttagtcat gtgactttgg      180
```

gcaggtcanc ctccctgtct gtaaaatgag gttggactgg ataatcttta tgtgcccttt 240
ccttttggct taaaattctg tgatttatct atcttaggaa gatcagcata tttattggga 300
tttctgcttc aaaaattctt tctaacctca aaaatccaag tccagaattt tttgttttct 360
tctggattta aactgtttta tatgagcaca tcaanggtga cttc 404

<210> 2652

<211> 477

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (375)..(447)

<223> n=unknown

<400> 2652
ctgttggtgtt tacaggcatc atatagaagt gaatattatt attcccaaac tttcaaacac 60
agaatactca aaactatata acaacaacca gtaaaacaaa accattcatc ttaggggtga 120
aaggccactc aaaattgcat aaaaatacat tcagttcaca aagcaagtct ggctgcttct 180
ccctaaacaa cccaacccc accccatccc aggtgtattt acagtggact gaagttaatc 240
catacaactc agctgaaaaa cagttacatc tgggtgtgtga accttgggtg aactaggggtg 300
aagggtggag taaagacaca aaatgctacc actaaaatgg gagaggcatg gaaacctcag 360
ggtggttctt ttcancctg ttgatcaagg tcagggcaa gacaaggag ggaagggnaa 420
ccattaagcc caagtctgag tgtggancac tcaactgagc acaggctgta gcttctc 477

<210> 2653

<211> 177

<212> DNA

<213> homo sapiens

<400> 2653
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aaagttggaa gctaacagag gtggattcat gaggtttaag gaaagaagcc atgttataac 120

ataaaagctc aaagtgatgc agcgagtgct gatgcagaag ctgcagcaaa ttaccga 177

<210> 2654

<211> 342

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (78)..(291)

<223> n=unknown

<400> 2654

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nctcggtaat 300

ttgctgcagc ttctgcatca gcactcgctg catcactttg ag 342

<210> 2655

<211> 238

<212> DNA

<213> homo sapiens

<400> 2655

gtctcaatca agaagtttat tcctggacga aggaagaaaa ggccagatgg gaaacaagaa 60

caagcccctg ttgaagacgc agggccaaca ggggccaacg aagatgactc tgacgtcccg 120

gccgtggtcc ctctgtctga gtatgatgct gtagaaaggg agaaaatgga ggcacagcaa 180

gccccaaaaa gcgcagagca gcccagacag aaggcagcca ctgaggtgtc caaggagc 238

<210> 2656

<211> 351

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (168)..(168)

<223> n=unknown

<220>

<221> misc_feature

<222> (303)..(345)

<223> n=unknown

<400> 2656

tcagtatcag ccagggctga gttctgggtt tcagggctcat caacatcatc acctttttca	60
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tcttctggca cagactttgt tccagctcca cctccctctt cctcagangg gaggaacgacc	180
tcttccagct gctgatcatt tacagtggaa ccttctacct caacagtcac ggtcttttct	240
gaggcttcac tcatgtcttt ggaaatatca gaatgtgctt gtcccactgc ggttgactct	300
gantcctctt tggtgaagt aattgggtgt tcttctgtg cagangcctg a	351

<210> 2657

<211> 273

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (52)..(149)

<223> n=unknown

<220>

<221> misc_feature

<222> (268)..(268)

<223> n=unknown

<400> 2657

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aggatgtacc gngtggctaa caggtctctc tgggtgctgga aaaacaacga taagttttgc    120
cctggnggng taccttgnt cccatncnnt cccttggtac tcccatgacg gacattgtcc      180
ccatccaggg agtaacaagg gatggcatgg gagacaaggt actcctccag ggccttaaca    240
gaaatctcgg attctctcct ggggacanag agg                                  273
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<210> 2658

<211> 512

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (5)..(497)

<223> n=unknown

<400> 2658

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agtcaagtgg cctggnggct tcnncantgc naccagcact tcctaataat ggcanatttn     180
cattngtta cggtgctcac agnttacaan ncacatacnt gtgcntcatc acagtttgtc     240
caccngtaag atgaaagggg tggantntnt gncttctgtg gtttttccag ttctagtgc      300
ttgntagtct gatagtntna attatTTTTT antacagctg gcgctgctgc tgnatcagg      360
gccatccttt ctgcaaganc acaatnatcc acagcaaaga gcgggaaaga taaantttcc     420
acgagattcg ccaacattgt ttgangtcnt ttcacaaat cactgtatgn tattaagg      480
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caccgtgtna ctggagntac cttattcaca ga

512

<210> 2659

<211> 384

<212> DNA

<213> homo sapiens

<400> 2659

cccacagata tcgaggaaaa tcgaactatg ctcttcacga ttggccagtc tgaagtttac	60
ctcatcagtc ctgacaccaa aaaaatagca ttggagaaaa attttaagga gatatccttt	120
tgctctcagg gcacagaca cgtggaccac tttgggttta tctgtcggga gtcttcggga	180
ggtggcggct ttcattttgt ctgttacgtg tttcagtgc caaatgaggc tctggttgat	240
gaaattatga tgacctgaa acaggccttc acggtggccg cagtgcagca gacagctaag	300
gcgccacccc agctgtgtga gagctgcccc ctgcaaagcc tgcacaagct ctgtgagagg	360
atagagggaa tgaattcttc caaa	384

<210> 2660

<211> 367

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (63)..(63)

<223> n=unknown

<220>

<221> misc_feature

<222> (275)..(306)

<223> n=unknown

<400> 2660

aaagctactg tgtacagtaa tcaggactgg agaagggacg atttagtata taaaaacaac	60
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aanaaaaaaca ctgggacatg cccctgaat tgcaagttgg agttcgtaag aatctacttg	120
ctggcaagcc ggtttctctc ctgagaagca cacttcccgc ttccttctct ccttccagcg	180
tcttctgtcc ctctcagtta aggcctggac agtgtgggat ggtgttgcaa tctctcctgc	240
agagctgtca gtcgcccgtg ggctcgggct gcgtncaact caggctcccg gtcgctgggc	300
ctcngngctc cgccgccgca gctcctccac cgtctgcagc agggccgccc gctccagttc	360
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<210> 2661

<211> 512

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (355)..(382)

<223> n=unknown

<220>

<221> misc_feature

<222> (507)..(507)

<223> n=unknown

<400> 2661

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atgctatcac ttttgaggga ctgcttgggg atgccactga caacatgcag ggcgtggttg	180
agagtttctt gggcactgct gtctctggag ccattctttg cttttttgct ggtcaaccac	240
tcactattct gaggcagacc ggacctgtcc tagtttttga gaggcttcta tttaatttca	300
gcaaggacaa taattttgac tatttggagt ttgcctttg gattggcctg tggtnegcct	360
tcctatgtct cattttggna gncactgatg ccagcttctt gggttcaaat acttcacacg	420
tttcacggag gagggctttt cccctctgat tagcttcac tttatccatg atgcttcaag	480

aagatgatca agcttgcaga ttactanccc at

512

<210> 2662

<211> 587

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (320)..(320)

<223> n=unknown

<220>

<221> misc_feature

<222> (506)..(552)

<223> n=unknown

<400> 2662

tgacatcatc caggaagctg aggtcatgct gggagaagag gtagtccatg ccttttctga	60
cagctacaag tgccaagatc attactggaa aaatgatagc agccaccgtt gacttgagga	120
tccaaagcag ggccagacac aacacctgca ggaaagtga caggtggact ctgcgcagag	180
gaacatgacg caggtagatg aagtcaggct gatgcttcag aggcatcaga agcagcttca	240
gacgatccat gaactgcaca ccattaaggg atgctactcc catatacagg aacacaccat	300
agagtacagg catgggtatn aacttcaaga tgggagccat aaagactgac agaccagtca	360
gaataaacac aagggttcca gtgactcttt gttccctcac tctagaaac tttggttggt	420
ctccaggtgc agaagtctct gtctccatct tcaaactgtc gatgtgagca atggagatga	480
ccgtagcagc tacataccac cggaanagcc atgagggagc atataaccat gaggattgcc	540
acccaaaaga nnttcaagtg ataccctgct cctttcttga gtttatg	587

<210> 2663

<211> 475

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (73)..(107)

<223> n=unknown

<220>

<221> misc_feature

<222> (316)..(468)

<223> n=unknown

<400> 2663

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actggaggct cangctgaga agtactcgca gaaggaagac agatatnagg aagagatcaa	120
ggtcctttcc gacaagctga aggaggctga gactcgggct gagtttgcg agaggtcagt	180
aactaaattg gagaaaagca ttgatgactt agaagagaaa gtggctcatg ccaaagaaga	240
aaaccttagt atgcatcaga tgctggatca gactttactg gagttaaaca acatgtgaaa	300
actccttagc tgcgancaca ttctttcatt tgnnttgntt tgnnttgntt ttaaacacct	360
gcttaccct taaatgcaat tattttacttt tancactgtc acagaaacat cccacaagat	420
accagctagg tcaggggggtg ggggggaaaca cataccaaaa aggcaagncc atgtc	475

<210> 2664

<211> 596

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (577)..(577)

<223> n=unknown

<400> 2664
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tacagattgt catgagctgc acgtgtgcca atcagaaagg aatggaagtc tcagaagagc 180
agcgtggcct acagaccctt ggcttttagtg aattcaggca tgcgggatcc atagtctcat 240
cttgtagtaa aactcaagac aaaataaatt agtgttggac agagttctac attgtacaat 300
gttgaacaaa agaccacagg gggacctttt gttcaaagta gcaccaatcc acacctgatt 360
gtgtttccaa cattaacctt cctgttgact ctatcattgg cactttgaat ggaacttctc 420
ctgctttagt gaggattcct acgtgacta agcacactgt gttgctaaac tctctacaaa 480
gtgtggcagc atcaaccggg gaaatggcac atttgaacca ggatcgccct gacatggggc 540
ttgctttttg tatgtgtttc cccaaccccc tgacctngct gggaatcttg tgggat 596

<210> 2665

<211> 467

<212> DNA

<213> homo sapiens

<400> 2665
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tcctggatcc aagaaggcca tccttgacct gccctggta attggcagca gatcaggctc 120
aagcagcaga acatccagca tggccagccg aaccagctct gagatgagtt gggtagatct 180
gaacatccct gatacccag aaggtagacc agacctaatg tcttttcttt gtttctggtc 240
tacctggggt tgtaaaattg tgatgggtcca gcatttcttg ggcaggattc ttatgtggcc 300
atattttctt ttctagctcc tcctgctat atggatgtca ttctgaaga tcaccgattg 360
gagagcccaa cccactcctc tgctagatga catggatggc tctccaagac agccctatct 420
ttatgtatgc cctgagttc aagttcatgc caccaccgac ttatact 467

<210> 2666

<211> 504

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (437)..(486)

<223> n=unknown

<400> 2666

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gcctccaaaa aaccttgaaa agcttacgcc aggaggccat ttttacctga cccgaaacta     180
tcgaaaaggc ctcaattttc aaggagatct gagaaaaatgg atgggcctga gtttttctag     240
ttatttttaa acccatccaa caaacacccc tgtatcaciaa catgggcgct ggctgaggat     300
gagtcgcat cctttaaggc ccaggagatt gcctgctgac cacctcctac attaggaagt     360
cagaggctaa ggtggacca cactccattg cagagaactg ttgagtctct gaaaaagtga     420
gtgtccagga agagagnca aaagaaacaa gtaggtaaag cngcttcttt tcttccaaca     480
tgctcnctgc accattgttg ttga                                             504
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<210> 2667

<211> 559

<212> DNA

<213> homo sapiens

<400> 2667

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cctgttttgt gtgtgtagcc tgtggaaagc ccattcgga caatgttttt cacttgaggg     180
atggtgaacc ctactgtgag actgattatt atgccctctt tggactata tgccatggat     240
gtgaatttcc catagaagct ggtgacatgt tcctggaagc tctgggctac acctggcatg     300
acacttgctt tgtatgctca gtgtgttgtg aaagtttgga aggtcagacc tttttctcca     360
agaaggacaa gccctgtgt aagaaacatg ctcatctgt gaatttttga aagtcaacag     420
ttcaggagaa gagaaggaat ttgaagagaa aaaggaaaat taaaattact aattaatttt     480
tagattcaat atttatatgg agttttgaaa aataatagtg ggcctgaag gaataaatc     540
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cagctttaaa aaccaagt

559

<210> 2668

<211> 273

<212> DNA

<213> homo sapiens

<400> 2668

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tgtttaaaat cctattttact atttttaaaga taagtattag ttttttttta aatacaataa 120

ttctgttatt gataaaattt aaggcatttt cattgccttt tgcagattta ctcataacta 180

cctaacaagg aaagaaggta taattatttc agattggatt atttattcta aaattaaatt 240

cttcactaat ttatttctaag atgaatttaa tag 273

<210> 2669

<211> 203

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (42)..(192)

<223> n=unknown

<400> 2669

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ggcntgcgtg tggcctanna ccttgtgnan tatgtgcggg tcaccgtccc tggaaactac 120

tancagntga tgtntggcnn gtgtgggnnc tacaacggcg accccaagga tggnttncag 180

aagcccaatg gntcgcaggc agg 203

<210> 2670

<211> 612

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (350)..(350)

<223> n=unknown

<220>

<221> misc_feature

<222> (527)..(610)

<223> n=unknown

<400> 2670

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acctccagag ggaccaggtc ttcttcagga aatcttcggt cctgggtggat gactgatcag      120
ccataacatg gggagaagtc ctgcgctctc cattttctcca tcgctgggctt ctcttgggag      180
tcatgccaat cattgggtctg gtccccgtca aagtttccac aggccccaca cagtttccca      240
gcatgggtcat tgctgacaat cacagccacc ttcccattgg ctccaagcca cacctggacc      300
cctgccttct ggcggactag cagggagcca tcaggtgtac gactcacggn cacagatgct      360
aacttctcag ctgggagatc cactcggaga ccattcaccc acacaccctt gtttggagtc      420
aacgtcacca tcccatcctg gaagaagatg tggacctggc ccacagcctc cgttttgcca      480
tggcagatct ggacttcggc aactacacgg taccagggga tggatatnctg tagtcctggg      540
cagngggaag agagctcata gacaccagga gaggtggtgg caccacgggc cccatcaaag      600
gtggtgaggn tg                                                                612
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<210> 2671

<211> 369

<212> DNA

<213> homo sapiens

<400> 2671

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tcaggacaca gcatggacat gaggggtcccc gtcagctcc tggggcttct gctgctctgg      60
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ctcccaggtg ccagatgtgt catccaattg acccagtctc catcctccct gtctccatgt	120
atgagagaca gagtcacctt cacttgccgg gcaagtcaag gcattagtgc ggctttaacc	180
tggtgtcacc agatgccagg gaaaactgct aagtctctga taaatgggtgc ctctaccctg	240
gaaagtgggg tcccatcaag gttcagcggc agtagatctg ggacagatct cactctcacc	300
atcagcagcc tgcagcctga agattttcca attattactg tcaaacagtt taaaagttat	360
tccgatgac	369

<210> 2672

<211> 533

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (24)..(99)

<223> n=unknown

<220>

<221> misc_feature

<222> (516)..(516)

<223> n=unknown

<400> 2672

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aggctggaac tgaggagcag gtgggggcac ttctccctct aacactctcc cctgttgaag	180
ctctttgtga cgggcgagct caggccctga tgggtgactt cgcaggcgta gactttgtgt	240
ttctcgtagt ctgctttgct cagcgtcagg gtgctgctga ggctgtaggt gctgtccttg	300
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ccagatttca actgctcatc agatggcggg aagatgaaga cagatgggtgc agccacagtt	480
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<210> 2673
 <211> 240
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (146)..(201)
 <223> n=unknown

<400> 2673
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 accagcccca aggtcttccc gctgancctc tgcagcaccc agccagatgg gaacgtggtc 180
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<210> 2674
 <211> 536
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (109)..(212)
 <223> n=unknown

<400> 2674
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 accatgcagg agaagggtgc ccccttcttc cagtctctgg ctgccacgag cagtatgctg 180
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ttctcgcggg gcagctcctg tgaccctcgc agccagcgaa ccagcacgtc cttggggctg	300
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agcgggggtct tggactcggg gtaggcagca gtgcaagtga aggtcttccc atggttccat	480
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<210> 2675

<211> 487

<212> DNA

<213> homo sapiens

<220>

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<222> (448)..(448)

<223> n=unknown

<400> 2675

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gccgaagaca cgggtctcta ttactgtgcg cgagattcta atgtctttga tactaatggc	180
agctttgact tttggggcca ggggaccgtg gtcaccgtct cttctgcac cccgaccagc	240
ccaaggtct tcccgtgag cctctgcagc acccagccag atgggaacgt ggtcatcgcc	300
tgcttggtcc agggcttctt cccccaggag ccactcagtg tgacctggag cgaaagggga	360
cagggcgtga ccgccagaaa cttcccaccc agccaggatg cctccgggga cctgtacacc	420
acgagcagcc agctgaccct gccggccnac acagtgccta gccggcaagt ccgtgacatg	480
ccacgtg	487

<210> 2676

<211> 483

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (5) .. (7)

<223> n=unknown

<220>

<221> misc_feature

<222> (454) .. (454)

<223> n=unknown

<400> 2676

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gtggcccacc atgcaggaga aggtgtcccc cttcttccag tcctcggctg ccacgcgcag      180
tatgctggtc acagcgaagg tgggtggtgcc ctggctgggc tcctgccggg atgcccgaagt      240
caggtacttc tcgcggggca gctcctgtga cccctgcagc cagcgaacca gcacgtcctt      300
ggggctgaag ccgcgtgccg ggcacgtcag cgtcaccagc tcgttcaggg ccagctcctc      360
cgacggcggc ggcagaggtg gacctcgggc cggaatgtgt ttccggattt tgagaagggtg      420
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<210> 2677

<211> 493

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (157) .. (166)

<223> n=unknown

<400> 2677

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gcgctgcacc ggcacattat gatggagcgg gagcgnaac gtcnangagg aagaagaggt	180
ggataagatg atggaacaga agatgaagga agaacaggag agaaggaaga aaaaggagat	240
ggaagagaga atgtcattag aggagaccaa ggaacaaatt ctgaagttgg aggagaagct	300
tttggctcta caggaagaga agcaccagct tttcctgcag ctcaagaaag ttttacatga	360
ggaagaaaaa cggaggcgaa aggaacagag tgacctgacc accctaacat cagctgcata	420
ccagcagagc ctgactgttc acacaggaac tcatctcttc agcatgcaag ggagccctgg	480
aggacacaat cgc	493

<210> 2678

<211> 527

<212> DNA

<213> homo sapiens

<400> 2678

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cgtgtttaac atgccacatg atgatgcāaa gcagtgtgcc agccttaatg gtgtgaacca	180
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ttgcagtgcc tacatgatta catcatttct ggataatggg catgggggaat gtttgatgga	300
caagcctcag aatcccatac agctcccagg cgatctccct ggcacctcgt acgatgccaa	360
ccggcagtgc cagtttacat ttggggagga ctccaaacac tgccctgatg cagccagcac	420
atgtagcacc ttgtggtgta ccggcactct ggtgggggtgc tgggtgtgtca aaccaaacac	480
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<210> 2679

<211> 519

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (501)..(501)

<223> n=unknown

<400> 2679

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tggaaggaac acccaaacca atacttataa agtacatgta atttatagta acatatttta      180
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tacgactgtt ggaccagctg ctggagatgg acctgctacc cctcagcagc ctccccacca      300
caagacaagt gatctcaatg tccccaaaacc tgtgggaccc tgttctccac acctcatttt      360
tgttccggcg tttcatcctc cttgtgtgat tgtactgatt ttcatgagac acaagttact      420
tctttacatc catattccca aagcagggtt acatggtagg aaagaaagga agttggaggt      480
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<210> 2680

<211> 338

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (332)..(332)

<223> n=unknown

<400> 2680

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acaaattcga ggggagagtc gacatgaccg aggacacttt ctcagacaca gcctacatag      180
agttgtacaa ctttcgatct gaggacacgg ccatttatta ttgtgtagtc tggaatttga      240
ttctgtctcg cgccctccgt cgactcgacc cctggggcca gggaactcta attactgtct      300
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<210> 2681

<211> 586

<212> DNA

<213> homo sapiens

<400> 2681

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accatgcagg agaaggtgtc ccccttcttc cagtcctcgg ctgccacgcg cagtatgctg      180
gtcacagcga aggtgggtgt gccctggctg ggctcctgcc gggatgcca agtcaggtag      240
ttctcgcgga gcagctcctg tgacctctgc agccagcgaa ccagcacatc cttggggctg      300
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ggctcggcac agcccggcag gacactggac acgctgtagc agccacagag gtcacgggtc      540
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<210> 2682

<211> 364

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (330)..(330)

<223> n=unknown

<400> 2682

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tccaggagaa agagtgactc tctcctgcag cgccagtcag tctattggta ccaagttggc      180
ctggtatcaa caaaaacctg gccagtcctc caggctcttc gtttatgggt catctgtcac      240
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ggtcactggg attccagaca gattccgtgg cgggtggctct gagacacatt tactctcacc 300
atcggcagcc tgcagtcgga agactctggn acttattctg tcaccaatac tttgagtggc 360
cctc 364

<210> 2683

<211> 546

<212> DNA

<213> homo sapiens

<400> 2683

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cactctcccc tgttgaagct ctttgtgacg ggcgagctca ggccctgatg ggtgacttcg 180
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gatggtgcag ccacagttcg tttgatgtcc agcttgggtcc cctggccaaa agagtacgag 480
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<210> 2684

<211> 476

<212> DNA

<213> homo sapiens

<400> 2684

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gccactgag aggcctccct tgaattgggg acaactcttg gccttggttt ggccattttt 180
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ctttgggcag cttggcagtg accaagaatg atgggcatac cgtggagatc ccaactgggt	360
tatgaagaaa gcgcaggagc ataagaggga attcacagag agccagctgc aggagggaaa	420
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<210> 2685

<211> 285

<212> DNA

<213> homo sapiens

<400> 2685	
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ggacaaagga ctttgcttct gccagcacat ctgtcttcag atatgagagg aaacagacac	180
aacctggagg cggcaaagaa gcagctcttt ctcaagtgc ctctctatc tccctacttc	240
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<210> 2686

<211> 185

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (18)..(180)

<223> n=unknown

<400> 2686	
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ctgaggagca ggtgggggca cttctccctc taacactctc ccctgttgaa gctctttntn	180
acggg	185

<210> 2687

<211> 528
<212> DNA
<213> homo sapiens

<220>

<221> misc_feature
<222> (452)..(452)
<223> n=unknown

<400> 2687
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tgttttcagg gtctttatcc caggttgtgc tgactccacc gccctccgcc tctgcttccc 180
tgggagcctc ggtcaacctc acctgcaccc tgagcagtgg actcaggttt gcgccatcgc 240
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caatcatatc aacggggagc aaattcctgc tcttctctga ctgagtcgc ggacttacca 360
ctagtccaac atgtccagtc tccgggtctga ggcggggcct gactcttact gtcacacctg 420
ggacactgga tttagttggg tggtcggcgg anggactagg tgactgtctt acgtcagccc 480
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<210> 2688
<211> 252
<212> DNA
<213> homo sapiens

<220>

<221> misc_feature
<222> (101)..(132)
<223> n=unknown

<220>

<221> misc_feature

<222> (252)..(252)

<223> n=unknown

<400> 2688

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ggggcnactg tnttctccac ggtgctccct tcattgcgtga cctggcagct gtagcttttg 180
tgggacttcc actgctcagg cgtcaggctc aggtagctgc tggcgcgta cttgttggtg 240
ctttgtttgg an 252

<210> 2689

<211> 356

<212> DNA

<213> homo sapiens

<400> 2689

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agaggccaaa taacttgtaa acaagaaaag gtaacttgct aacagtcata actagtaatt 180
atgagagcct tgtttcataa ccaggctctt ttactcaaat cctgtgatgt ttgaaataac 240
caaattgtct ctccaatgtc tgcataaact gtgagagcca agtcaacagc ttttatcaag 300
aatttactct ctgaccagca ataaacaagc actgagagac acagagagcc agattc 356

<210> 2690

<211> 491

<212> DNA

<213> homo sapiens

<400> 2690

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ggtaaaatct gaatctggct ctctgtgtct ctcatgctt gtttattgct ggtcagagag 180

taaattcttg ataaaagctg ttgacttggc tctcacagtt tatgcagaca ttggagagac	240
aatttgggta tttcaaacat cacaggattt gagtaagaag acctgggttat gaaacaaggc	300
tctcataatt actagttatg actgttgaca agttaccttt tcttgtttac aagttatttg	360
gcctctttga attacttgta aaatagagat agggattctt tcttgatcat ggaacatcaa	420
atgaagttat ttgatgaaat actttgtcat ctggaaatta taaatataac taaatgtaat	480
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<210> 2691

<211> 353

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (157)..(417)

<223> n=unknown

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ccctgctaag ctcttcgggt tcgtggcccc gaagcanggc agcaccacgg acaacgcctg	180
ccacctcttt gctgagcttg accccaacca gccggcctct gccancgtca gcttcgtctc	240
caaggctcatg ctgaatgccg gccaaaagag atgaaccctg ccccttgccc agggccantg	300
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<210> 2692

<211> 510

<212> DNA

<213> homo sapiens

<400> 2692	
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ggtcaggtgt tttcccaact gtccagtga ccttaggccc tttggcccaa gtgcaagcct 180
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 ctgctgaggt cagaggggtgc ctgcaaaagc cagaccctaa aacacttaca gagggggagga 360
 taaggactcc aggtttctgg ccggagcctc actgagcaga aagtaggttc cccagggaga 420
 attccaacac agggaccctg cagaatagaa cagggtctgg cagagcagca agactcaatc 480
 cccagccccc aaaaaaggca tcatgcaggt 510

<210> 2693

<211> 427

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (417) .. (417)

<223> n=unknown

<400> 2693

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 ccggatggcc aagcctgacc acgctaccag tgaagtctac gagatcatgg tgaaatgctg 180
 gaacagtgag ccggagaaga gaccctcctt ttaccacctg agtgagattg tggagaatct 240
 gctgcctgga caatataaaa agagttatga aaaaattcac ctggacttcc tgaagagtga 300
 ccctcctgct gtggcacgca tgcgtgtgga ctgagacaat gcatacattg gtgtcactac 360
 aaaaacgagg aagacaagct gaggactggg aaggtgtctg gatgagcaga gactgancgc 420
 tgacagt 427

<210> 2694

<211> 492

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (385)..(455)

<223> n=unknown

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gtaagtatct ttctttttat tattttctaaa atataaattt tggacattca aaagtgcaac 180
agttaatgtg cctgtgggga ttatcacagt taaaaaaata taaacgaagg cagtgatata 240
gcttgtcata aatgttttgg cagtattctc caagtctata tagaaatata tatatacata 300
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agattggcag accacatttt aaggncatca ctaatcgta aaaagtcaca aatagtgttt 420
ctcaggccgg ctttgattgt cacataaaan taganagtag gaaagattgg caaatttctc 480
tggagacttt gc 492

<210> 2695

<211> 439

<212> DNA

<213> homo sapiens

<400> 2695
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gtcaaagaat tgtgtgctta gttcttgata agtctggaag catgggggggt aaggaccgcc 120
taaatcgaat gaatcaagca gcaaaacatt tcctgctgca gactgttgaa aatggatcct 180
gggtggggat gggttcacttt gatagtactg ccactattgt aaataagcta atccaaataa 240
aaagcagtga tgaaagaaac aactcatgg caggattacc tacatatacct ctgggaggaa 300
cttccatctg ctctggaatt aaatatgcat tcaggtgatt ggagagctac attcccaact 360
cgatggatcc gaagtactgc tgctgactga tggggaggat aacactgcaa ttcttgtatt 420
gatgaagtga aacaaagtg 439

<210> 2696
<211> 503
<212> DNA
<213> homo sapiens

<400> 2696
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tcttacaat aaaataacaa ataaatgaaa ctattaaatt ttaatcttga cagtttttac 180
atatccatga gtgtttttat ttaatcaaag tacccttttc cgacatctta aaattatttt 240
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<210> 2697
<211> 466
<212> DNA
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<220>
<221> misc_feature
<222> (88)..(88)
<223> n=unknown

<220>
<221> misc_feature
<222> (408)..(408)
<223> n=unknown

<400> 2697
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 cggagttcag tacagaaata acgaggaatg gactgttgat agctgcantg agtgtcactg 420
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<210> 2698

<211> 322

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (232)..(298)

<223> n=unknown

<400> 2698
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 tcttgaaaaa actctaggag aaggcgaatt tggaaaagtg gtcaaggcaa cggccttcca 180
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 cccgantgan ctctgagacc tgctgtcaga gttcaacgtc ctgaagcagg tcaaccancc 300
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<210> 2699

<211> 251

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (3)..(246)

<223> n=unknown

<400> 2699

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taagcatttt tcaaactctc cctctgggtg tgtgcgnaca cncatnagg ctctattaca 180

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atatanaata c 251

<210> 2700

<211> 293

<212> DNA

<213> homo sapiens

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<221> misc_feature

<222> (63)..(63)

<223> n=unknown

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<222> (179)..(290)

<223> n=unknown

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cctttctctg cggggccctg ctaggcttcc tgtgcctgag tgggctggcc gtggaggtna 180

aggtaccac agagccgctg agcacgcccc tggggaagac agccganctg acctgcacct 240
acagcacgtc ggtggggaga nagcttcggc cctgggagtg gagctttgtn gca 293

<210> 2701

<211> 525

<212> DNA

<213> homo sapiens

<400> 2701

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<210> 2702

<211> 381

<212> DNA

<213> homo sapiens

<400> 2702

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<210> 2703
 <211> 539
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (293)..(530)
 <223> n=unknown

<400> 2703
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 aactggagc tgggtgcaca gcaggcgggg gcagcctggc aggagtaggg gtgtcacggc 360
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 ccccgggaga tgtcctcata catggagcag tcgtccaggt tcaggccttc ataaangttt 480
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<210> 2704
 <211> 484
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (240)..(240)
 <223> n=unknown

<220>

<221> misc_feature

<222> (384)..(384)

<223> n=unknown

<400> 2704

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tgatgcttca cgagcagagg tcatacccct tcatcagaga tgagggcatc tacgccatgt      180
cggggacaga gacgtccatc ggggtactcg tggacaagct tcagcgcacg ggggagcccn      240
acagcccgtg caccgtgaat ggttctgagg tccccgtcca aaacttctac agtgactaca      300
acacgaccta ctccatccag gcctgtcttc gctcctgctt ccaagaccac atgatccgta      360
actgcaactg tggccatact gtanccactg ccccgtaggg gagaaatact gcaacaaccg      420
ggacttccca gactggggcc cattgctact cagatctaca gatgaacgtt ggcgcagaag      480
agag                                         484
```

<210> 2705

<211> 397

<212> DNA

<213> homo sapiens

<400> 2705

```
cttttgcat gggtttatgc tgagcctacc atgtatgggg agatcctgtc ccctaactat      60
cctcaggcat atcccagtga ggtagagaaa tcttgggaca tagaagttcc tgaaggggat      120
gggattcacc tctacttcac ccatctggac attgagctgt cagagaactg tgcgtatgac      180
tcagtgcaga taatctcagg agacactgaa gaagggaggc tctgtggaca gaggagcagt      240
aacaatcccc actctccaat tgtggaagag ttccaagtcc catacaacaa actccagggtg      300
atctttaagt cagacttttc caatgaagag cattttacgg ggtttgctgc atactatggt      360
gccacagaca taaatgaatg cacagatttt gtagatg                                         397
```

<210> 2706

<211> 408

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (351)..(398)

<223> n=unknown

<400> 2706

```
tgatcaagta aatggaattt tgaacaggta aagaggaaac aaagaattaa ggtatccctg      60
tggaatagtg caagaaagga gtgccccacc catagtgtta tctacaatag gtactccggg      120
gaaaggaccc caaggagtca gaccacaaat gtatgaccag cacaattcta tgatcaaact      180
ctacctctag caaggcgtct caacaatcaa gttctattta aatcattcgc tcgtgtcttc      240
tttcagtcac gatgaaataa tgagaatata ataaggaaca gaaggtaatg cattggtcac      300
cacccttgga gaagctgggtg ggatgtatct ggattagtcc tcacgggggg ngctatttcc      360
tgcatagtct tcattatcca gtcaacatag ttctttancc gtgtgtag      408
```

<210> 2707

<211> 475

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (413)..(413)

<223> n=unknown

<400> 2707

```
cagggatgta caaaataatt ttaatgtatt aactcatact gcctgtcttt tataggggaa      60
aaaaataacc ttttttattt taaagttata aggtttttac cttttagttg cttggatgac      120
agggaattag cctaccccat tttgggtctgg aacagaagac tttcaaattt aatatgggtcc      180
aagtgtcttc ctactcaagg taaacattat ctccaaaatt acatttatga ttctaattatt      240
```

tggcattgtg tctgtatcta atttaaacag atgttaatgg acgtctggcc gaaactatta	300
tacttttata agatgagctg aatcctctta ctttaaaaac tggctctttt atttaccctc	360
tgtggtagaa gagtcaccag caggttccaa attgatgtgt atgataggaa aanaacctta	420
attttaaata taatatagag ccttaaacta tgccactggg tggcagaggc tgtat	475

<210> 2708

<211> 407

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (267)..(397)

<223> n=unknown

<400> 2708

gagacagaag gttttcatat aaatgcaagt ttgacaaagt cagcatcttt ctagctgtct	60
aaggaagagt cacttgtaac acagccagcc aggaggctgc tttgtttttt attataaaga	120
acactaacac aaatgcagca tgattgctgt aaaataaatg tgaaatttgt acaaaagtcc	180
cagtccttcc gcagttctag gtttacagtc aggctcaacc ttacttgccc cgctcctgca	240
tgaaaacaag tgcgttttat acagccnngg ccacccagng gcanagnttn aggcncnana	300
taganttaaa antaaggntt ttttccgagc agncacanna attngaaccc ncnggngacn	360
nntngnccac agaggggnaa taaaaagacc agttttnaag taagagg	407

<210> 2709

<211> 398

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (132)..(298)

<223> n=unknown

<400> 2709

```
agaaatttaa gtctgtgtgg ttttaccttt tccgggagtc tccagctggc cctcatttgt      60
gtccggagct caggagttcc caaaccgact cagtcgcacc aagtttccgt cttttggaat      120
tggggaagga gnnnnnnnnn nnnnnnnnnn nnnnnnngag ccagttttaa tcgctttgaa      180
taaatactcc cttaagtagt taaatatagg aggagaaaga atacatcggg tggttaaagcn      240
ggagaggaag agagacctgc cctgtagcgt gactcctctn nnnnnnnnnn nnnnnnnngc      300
cggagtatth tactaagccc ctaaaatgtc gagatttgta caagatctta gcaaagcaat      360
gtctcaagat ggtgcttctc cagttcccaa gaagtcca                                398
```

<210> 2710

<211> 111

<212> DNA

<213> homo sapiens

<400> 2710

```
agtgatcatc attgaggctt cagtcaaaag ctcttccaaa gtagctcagt attaagatta      60
tacaatattg cactttaaga tggactaact tttgggatcc tcttcaaaga a                111
```

<210> 2711

<211> 451

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (21)..(21)

<223> n=unknown

<220>

<221> misc_feature

<222> (362) .. (362)

<223> n=unknown

<400> 2711

```
gaagctctgt ggcctctttt ngggtggggg cgggggtcca ggcagaaaga aaccgtctgc      60
tgctcaagac ccacaggacg ccggaagac taaatgatca ctgccccag tgaatatggt      120
gaagaagctg gtgatggccc agaagcgggg agagacacga gccctttgcc tgggtgtaac      180
catggtggtg tgtgccgtca tcacctacta catcctggtc acgactgtgc tgccccctcta      240
ccagaaaagc gtgtggaccc aggaatccaa gtgccacctg attgagacca acatcaggga      300
ccaggaggag ctgaagggca agaaggtgcc ccagtaccca tgctgtggg tcaacgtgtc      360
anctgccggc aggtgggctg tgctgtacca cacggaggac atcgggacca gaaccagcag      420
tgctctaca tcccagggca gcgtggacaa t      451
```

<210> 2712

<211> 73

<212> DNA

<213> homo sapiens

<400> 2712

```
ggcactttat atcctagaaa atagtaatac tgtaaattgt ttctagaaat gggagctgct      60
gttgctctta tta      73
```

<210> 2713

<211> 434

<212> DNA

<213> homo sapiens

<400> 2713

```
ttgggttaac tttataccca aatagcagag aaagctctgg ttacttgaga cttgcttttc      60
atgtgtgcag tggggagAAC gatgctatcc tggagtggcc ggtagaaAAC agacagggtga      120
taattaccat ccttgaccag gagcctgatg tccagaacag gatgtcctca agcatgggtg      180
tcactacctc gaagtcgcac acatctccag cgataaatga cactgtcatc tgggacaggc      240
cgtccagggt gggaacctat catacagact gtaattgttt tagaagcatc gacttgggct      300
```

ggagtgggttt catttcccac caaatgctga aaaggaggag tttcctgaaa aatgatgacc 360
 tcatcatatt tgtgggactt tgaagatata acccactcag cccagactga agttcccact 420
 aaaggcaaaa gact 434

<210> 2714

<211> 496

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (468)..(480)

<223> n=unknown

<400> 2714

gcgtgatcaa catgagcatc cccattgtac tgcccgtctc tgcagaggat aagacacggc 60
 tggaagggtg cagcaagttt gtcctggcac atggtggacg gagggtagct atcttacgag 120
 acgctgaatt ctatgaacac agaaaagagg aacgctgttc ccgtgtttgg gggacaacat 180
 gtacaaaaca ccccatatc aaaatggtga tggaaagtgg ggactggctg gttggtggag 240
 accttcaggt gctggagaaa ataagatgga atgatgggct ggaccaatac cgtctgacac 300
 ctctggagct caaacagaaa tgtaaagaaa tgaatgctga tgcggtgttt gcattccagt 360
 tgcgcaatcc tgtccacaat ggccatgcc tgttgatgca ggacatcgcc gcagtcctag 420
 agaggggtac aacaaccggt ctctataaaa cctctggcgg tggacaanga tgacgatgtn 480
 ctctagactg gcggat 496

<210> 2715

<211> 460

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (220)..(393)

<223> n=unknown

<400> 2715

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tttacaactg ataatgaca ttggaagagt acaggttgct aagacatgct ggaaaatata      60
ttcacttttc agcaagtaac tagacacatg gtcaaacaaa gccttaagaa atctgggacc     120
tgcttgctca ggtgcagtag aaaatacata gagctaattt tattatgaaa tgtataagaa     180
tattgctttt acctgctaag atttggtctt cagtttgacn nnnnnnnnnn nnnnnnnnnn     240
nnnnnatatat atattttttt ttaattatag acacaacttt tacttcatta taaaagatta     300
aatgcatca ttgagaagcn atttaataca aagcatctaa tcataaaaat agaaaaggta     360
nncaaagagn cnttcagaaa gaaactctgg agncaaaggc ttagttcttc tccaggggacc     420
tgtaataatc tgtcaggacc ttccatgctt tggggggccat                          460
```

<210> 2716

<211> 441

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (422)..(422)

<223> n=unknown

<400> 2716

```
gctttgccta aggaaatgga aaattttgtc cagagttcag gggaagatgg tattgtggtg      60
ttttctctgg ggtcaactgtt tcaaaatggt acagaagaaa aggctaatat cattgcttca     120
gcccttgccc agatcccaca gaagggtgta tggaggtaca aaggaaaaaa accatccaca     180
ttaggagcca atactcggtt gtatgattgg ataccccaga atgatcttct tggatcatccc     240
aaaaccaaag cttttatcac tcatggtgga atgaatggga tctatgaagc tatttaccat     300
gggggtcccta tgggtgggagt tcccatatth ggtgatcagc ttgataacat agctcacatg     360
aaggccaaag gaggagctgt agaaataaac ttcaaaacta tgacaagcgg agatttactg     420
anggctttga gaacagtcac t                                     441
```

<210> 2717
<211> 201
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (10)..(184)
<223> n=unknown

<400> 2717
aaataacttan atttatTTTT ataatcatcat tttaaaattg aaattaattt gtagatatac 60
ctantcaaca tctgtaagan tttcnaaatt ttcaaaaagc cagataagcc antttatttn 120
tttaanncta ttaatnagca tntcactann nttatatgac agtaaaaaaa tgagaaggta 180
acanatttgc ttactagtgt a 201

<210> 2718
<211> 302
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (62)..(96)
<223> n=unknown

<400> 2718
gctcgaggcc ccctataaaa cagcctacag tggacagtct ggtcggcaga gccgcaggtc 60
antcgtgaag agggagctct attgccacca tgagtntctc cggcaagtac caactgcaga 120
gccaggaaaa ctttgaagcc ttcattgaagg caatcgggtct gccggaagag ctcatccaga 180
aggggaagga tatcaagggg gtgtcggaaa tcgtgcagaa tgggaagcac ttcaagttca 240
ccatcaccgc tgggtccaaa gtgatccaaa acgaattcac ggtgggggag gaatgtgagc 300

tg

302

<210> 2719

<211> 341

<212> DNA

<213> homo sapiens

<400> 2719

aaataatatg aaatgcagac ttgtttaaat tctcttgctg attctcttga agacaatgtc 60
accaaatgtc atggatttgg tgattatgtc gccgttgagt tcggtcacag acttgatggt 120
tttgaaagct gtcaccagtt tattgtcacc ttccaactga accactgtct tgactttctc 180
ccctgtcatt gtctccagct cacattcctc cccacccgtg aattcgtttt ggatcacttt 240
ggaccagcg gtgatggga acttgaagtg cttcccatc tgcacgattt ccgacacccc 300
cttgatatcc ttccccttct gggatgagct ctttcggcag a 341

<210> 2720

<211> 515

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (6) .. (6)

<223> n=unknown

<220>

<221> misc_feature

<222> (25) .. (499)

<223> n=unknown

<400> 2720

accgangctg caccggcaga ggetgcgggg cggacgcgcg ggccggcgca gcatgggtga 60

agattagctt ccagcccgcc gtggctggca tcaagggcga caaggctgac aaggcgtcgg	120
cgtcggcccc tgcaacggcc tcggccaccg agatcctgct gacgccggct agggaggagc	180
agccccaca acatcgatcc aagangggga gctcagtggg cgggcgtgtg ctanctgtcg	240
atgggcatgg tcgtgctgct catgggcctc gtgttcgcct ctgtctacat ctacagatac	300
ttctttcttg cacagctggc ccganataac ttcttccgct gtgggtgtgct gtatgaggac	360
tccctgtcnt cccaggtccg gactcagatg gagctggaag aggatgtgaa aatctancct	420
cgagcgagaa gtacngcgc atcaaactg gcctgtgcc agtttggggn gcggtgaacc	480
tgnagacatc atncatgant ttcagcgggg gtctg	515

<210> 2721

<211> 491

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (208)..(401)

<223> n=unknown

<400> 2721

aaagagatct aattgagaaa atatacaaag catttaagag tttcatcccc agagactgac	60
tgaaggcggt acagccctcc tctccaaggc tcagggtga gaacgggttag catatcgaat	120
gatcagtaaa aacatgcaaa agtgagaagg aaagggaaaa aggtgcattc ccctaagctg	180
agggggatgg aatttcagaa cagaggangc aggggtgnca agtnccaggt ggctctccct	240
ttccctctgt gttatctttc aaaacagttc caagcttgga gaaagcaatg agtccacct	300
actcagcaga ncccacggnt cgtncctcgt ggacgtgact gagcagtgac cttgcctgcc	360
ccgttctca gccgcccata ccaactgcttg actgagggga ncctgcttgt gctcctgggg	420
ggcaggactg ggggtcctag ctcccttgctt ctttgggtcc actcagagaa cagttgtgct	480
tgacggactc a	491

<210> 2722

<211> 503

<212> DNA

<213> homo sapiens

<400> 2722

```
gtcaccatca cttgccgggc cagtcagggc attagcagtt atttagcctg gtatcagcaa      60
aaaccagggg aagcccctaa gctcctgata tatgctgcat ccactttgca aagtgggggc      120
ccatcaaggt tcagcggcag tggatctggg acagaattca ctctcacaat cagcagcctg      180
cagcctgaag attttgcaac ttattactgt caacatcttc atagttaccc gctcactttc      240
ggcggagggg ccaaggtgga gatcaaacga actgtggctg caccatctgt cttcatcttc      300
ccgccatctg atgagcagtt gaaatctgga actgcctctg ttgtgtgcct gctgaataac      360
ttctatccca gagaggccaa agtacagtgg aaggtggata acgccctcca atcgggtaac      420
tcccaggaga gtgtcacaga gcaggacagc aaggacagca cctacagcct tcagcagcac      480
cctgacgctg agcaaagcag act                                         503
```

<210> 2723

<211> 438

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (16)..(19)

<223> n=unknown

<220>

<221> misc_feature

<222> (409)..(409)

<223> n=unknown

<400> 2723

```
cataattaa gccaanngg aggagggggg tgagggtgaaa gatgagctgg aggaccgcaa      60
taggggtagg tcccctgtgg aaaaaggggc agaggccaaa ggatgggagg gggtcaggct      120
```

ggaactgagg agcaggtggg ggcacttctc cctctaacac tctcccctgt tgaagctctt 180
 tgtgacgggc gagctcaggc cctgatgggt gacttcgcag gcgtagactt tgtgtttctc 240
 gtagtctgct ttgctcagcg tcaggggtgct gctgaggctg taggtgctgt ccttgctgtc 300
 ctgctctgtg acactctcct gggagttacc cgattggagg gcgttatcca ccttccactg 360
 tactttggcc tctctgggat agaagttatt cagcaggcac acaacagang cagttccaga 420
 ttcaactgct catcagat 438

<210> 2724

<211> 140

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (37)..(138)

<223> n=unknown

<400> 2724

gccccgccca ctgcaaccct gtgcccgtca tgcccancag gntcctgctc cagcccagcc 60
 cccagagagc agaccccagg tgctggcccc gngggttttg gtctnngcct cagtcactgt 120
 gttatgtctt cggaactngg 140

<210> 2725

<211> 535

<212> DNA

<213> homo sapiens

<400> 2725

gtgcagggag aagggctgga tgacttgga tggggagaga gaccctccc ctgggaccc 60
 gcagctccag gctcccgtgg gtggggtag agttgggaac ctatgaacat tctgtagggg 120
 ccactgtctt ctccacgggtg ctcccttcat gcgtgacctg gcagctgtag cttctgtggg 180
 acttccactg ctggggcgtc aggctcaggt agctgctggc cgcgtacttg ttgttgctct 240
 gtttgagggg tttggtggtc tccactccc ccttgacggg gctgccatct gccttcagg 300

ccactgtcac agctcccggg tagaagtcac tgatcagaca cactagtgtg gccttggttg 360
 cttggagctc ctacagaggag ggcgggaaca gagtgacagt ggggttgggc ttgggctgac 420
 ctaggacggt gaccttggtc ccagttccga agacataaca cagtgactga ggctcagacc 480
 aaaacccccg gggccagcac ctgggggtctg ctctctgggg gctgggctga gcagg 535

<210> 2726

<211> 413

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (317)..(317)

<223> n=unknown

<400> 2726

gtgctcacag tcatcaatta tagacccac aacatgcgcc ctgaagacag aatgttccat 60
 atcagagctg tgatcttgag agccctctcc ttggctttcc tgctgagtct ccgaggagct 120
 ggggccatca aggcggacca tgtgtcaact tatgccgcgt ttgtacagac gcatagacca 180
 acaggggagt ttatgtttga atttgatgaa gatgagatgt tctatgtgga tctggacaag 240
 aaggagaacc gtctgcattt ggaggagttt ggcaagcttt ttcttttgag gctcagggcg 300
 ggctggctaa cattgcnata ttgaacaaca acttgaatac cttgatccag cgttccaaac 360
 cacactcagg ccaccaatga tccccctga ggtgaaccgt gtttcccaag gag 413

<210> 2727

<211> 515

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (249) .. (249)

<223> n=unknown

<400> 2727

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cggaaggtg acagtgaggg gttcttcaaa ggagaacaga ggataaaagg ctcaatgaaa    60
ggataatctc catattagtg ctaccaaagt gtcattaatt tctatttggt ggaaacttta    120
ctaaggaatg actgctttga ggtaatggat aaggacagag cttgaagggt cagcaattca    180
gtcagccact ggagtagttt tcacatgaag tgagaagaaa agctgagatg gagttttagt    240
ggcagctgna ctgcgcacct ctccctaagtc ctcttctgtt cagatatttt gtcaccttta    300
cagtatttca caggggtcccc tgggcccggg ggcatggcc agaacgcaga gactttatga    360
tgaggacggt gccacgatg atgccgacta ggcccagcac caggcccagg gcacagagca    420
cagtctccgt tgtctcaggc atctggattg gctcttgggc ctcccagtgc ttgaggagcg    480
gctggtccaa gcccagtgc tccaccctgc agtca                                515
```

<210> 2728

<211> 296

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (293) .. (293)

<223> n=unknown

<400> 2728

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cggtttcagg ctttcttgca gatatgaagt attcttggaa tgcaataagt atgtattgaa    60
ctgtactgta aagtagctcc aaaacttaat tactctcctg ttttaggggt tatacatttg    120
gactgtgcat tctccaagag atgaagcggg gaagtggga ttacattgg aagtgtgta    180
gacttcttta tgtggctcag tggagagagg gaaagaatgt tgcacctgct ctagtaccat    240
aggtcaagag gcttctggat cacaagtc taactagaca ggtttgttct tgnagt        296
```

<210> 2729

<211> 502

<212> DNA

<213> homo sapiens

<400> 2729

```
gtgaggaagg atgggccttg ctgaagtgtg gaggaagaa ttatgaacgg gccaaaggcct / 60
gctttgaaaa ggtgcttgaa gtggaccctg aaaaccctga atccagcgct gggatatgca 120
tctctgccta tcgcctggat ggctttaaat tagccacaaa aaatcacaag ccattttctt 180
tgcttcccct aaggcaggct gtccgcttaa atccagacaa tggatatatt aaggttctcc 240
ttgccctgaa gcttcaggat gaaggacagg aagctgaagg agaaaagtac attgaagaag 300
ctctagccaa catgtcctca cagacctatg tctttcgata tgcagccaag ttttaccgaa 360
gaaaaggctc tgtggataaa gctcttgagt tattaaaaaa ggccttgag gaaacaccca 420
cttctgtctt actgcatcac cagatagggg ctttgctaca aggcacaaat gattcaaatac 480
aaggagggct acaaaagggg ca 502
```

<210> 2730

<211> 510

<212> DNA

<213> homo sapiens

<400> 2730

```
cattttttct ctactacata gcactcatac aaatgatttc tctttcttac atgcatacac 60
acattctgtt tcactaattg ttgaacacaa ctaatatatt gtcagattta ttattcaaga 120
attacatcat tacagtgaat tataatgttt ctgaaaacag taagcagaaa agatgattag 180
taaagttag cataaaatga aatgaaatgt gaaagtggct gatatctggg tgcctaagga 240
ccttgtctca cagagttctc aaagtcagca gccagtctca gggcccgcctc atagtactcc 300
agggttcat tcatatttcc ttccaatttg tagacgaacc caaggaggct caagctttcc 360
agatctaata cctttctccg aagtttcctt aaaaccaatt tcttcaaaga attgatactt 420
ttatcccttg ttaatgatgc ctgttctatt tttatagctt ttaaataatg ggataattgc 480
attgacgtca gatttctttt ggaattcctg 510
```

<210> 2731

<211> 323

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (72)..(102)

<223> n=unknown

<220>

<221> misc_feature

<222> (288)..(288)

<223> n=unknown

<400> 2731

ctatcta	atg	gggaa	tgt	gctat	gggcc	ataac	caaaa	ctcac	atgaa	acggag	gcag	60
atggag	acca	anggt	gggat	ncana	atgga	nncnn	nctg	cnatt	gtatt	taaa	agggt	120
atgtgg	cctt	ggcatt	tctt	cttag	aaaca	tgggg	tgtt	tcctg	aaatg	aggca	aggac	180
tttgg	acaag	aacat	gtttg	gactt	gagat	ggtttt	tgt	aaccc	aaatg	atatt	agttc	240
tagtc	gtct	ttatc	gtca	ctgtat	ttttg	ttttc	attca	tacta	cangg	ataat	agact	300
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<210> 2732

<211> 51

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (24)..(50)

<223> n=unknown

<400> 2732
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<210> 2733

<211> 568

<212> DNA

<213> homo sapiens

<400> 2733
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accaaagacg taccattttt cgaaggactt gaggggtcta tagacacagg cataacagtc 180
agtcgggaaa aggtcactga agttgccctt aaaggtgaag ggacagaaga agctgaatgt 240
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agagagatgg tagttcaagt cgaaaggag aaaacagaag cagagccaac ccatgtgaat 360
gaagagaagc ttgagcacga aacagctgtt accgtatctg aagaggtcag taagcagctc 420
ctccagacag tgaatgtgcc catcatagat gggggcaaag gaagtcagca gtttgaagg 480
aagccctcct ccctgcctag gtcaagaagg aggcagtatg cacccaaatt caagttcaga 540
gctctgaggg ctcatcact ctaacagc 568

<210> 2734

<211> 438

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (280)..(351)

<223> n=unknown

<400> 2734
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cacaaacaca atccagtatc tatcaaaata ccatttgtaa agaacctgac ttatttcatg 120
ccatgtgtga atgcagtcca gcatataaga gtagaatcaa aaacttacia caattctttt 180
cttcataaca tataaaacat attcactact ttgcctcagg attaagcaca cttatcggtc 240
caaacaacca taacaagtag gaaaaaggat gtaaagttn tttgctacca gantataact 300
tctttctaac ctccactggg ttagaaagaa aaatttccca atgacaatag nacattctgt 360
atgtttcaaa atgcttttta gtttttagcac actccgtgta ataggaaagt gaccaatttc 420
agagtaccac taaatatg 438

<210> 2735

<211> 435

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (214)..(214)

<223> n=unknown

<220>

<221> misc_feature

<222> (401)..(401)

<223> n=unknown

<400> 2735

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ctgtatttga gtaggatcgt gatacagaaa atattatagt gacattgtat ttgtcctttt 180
tcttagatgt ggccgtcttg tatatcatct tggnttgcct ttttccttcc taactttccc 240
atatgtagaa gaagccatta agattgctta ctgtgaaaag aaatgtggaa actgctctct 300
cacgactctc aaagatgaag acttttgtaa acgtgtatct ttgggctact gtggataaaa 360
cagttgaaac tccatgcct cattaccatc atgagcatca ncacaatcat gggcatcagc 420
accttggcag cagtg 435

<210> 2736

<211> 375

<212> DNA

<213> homo sapiens

<400> 2736

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ccaattctgt actgcattct tgcttaatag tattaacccat aaaggaggctc aggtttatag      60
ggtttggttt acctattaaa ccatcattga ctatggaaat acttactaag caatatagag      120
acagacaata ttatctttcc ccttatatct ttttaagacag ccactcaagt tttagaagag      180
tatgatacaa cattagagaa agaaagatac aaaggcttta ttcattgtgtg atagtaaaaa      240
tcaggatgag tcttagatat acaaaagata aatggatatt taaaatagtt atatatgctt      300
tttagcaaa atattcacgt gttaagtatt tctggatctt aaaatacaaa atccacttat      360
tttattagtt aaaag                                         375
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<210> 2737

<211> 500

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (463)..(463)

<223> n=unknown

<400> 2737

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ccagggccca gtgtcggcca ctgtggaggt cagcagcccc acaggctttg cccagtcaca      180
ggtgctggag gatgtgagcc aggttgcaag gcacataaaa ctcggccctt ctgaagtctg      240
gaggactgag cgaatgtcat atgaaggacc cactgcagaa gtggtggaga tggatgtgag      300
taacgtagag gcgatccgca gccggacaca ggaagcggga gctctcgggtg tgtctgaccg      360
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tggttcctgg agagacgcgg acagtaggaa tgaccaggca gttggtgtga gctttaaggc	420
ctctgctggg gaaggagacc aggccacag agaacagggc aangagcagg ccatgtttga	480
taagaaggtg cagtccagag	500

<210> 2738

<211> 384

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (380)..(380)

<223> n=unknown

<400> 2738

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aattttttcc taaagatgaa atcatttagc aagaattttt ttaacataaa cagtctgcct	180
atttccatt tctttttgaa aagacttttt agagtctaaa ttgtatttat ttttccccta	240
aaatgttagt ctgttatttc atattagcac atgcaagcaa aatttactct taaatatatt	300
actttaatct ggtaaatgtt ttgacatcta taattaattg tagtttcaaa cagatgcaag	360
ccatgtctgt gaccaggtgn aaaa	384

<210> 2739

<211> 470

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (398)..(442)

<223> n=unknown

<400> 2739
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 agcggccctc aggtatccct gagcgattct ccggctccag cgcagggacg acagtcacct 180
 tgaccatcag cggggcccag gttgaggatg aggctgacta tttctgttac tgtgcggctg 240
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 cccctcgggt cactctgttc ccggcctcct ctgaggagct tcaagccaac aaggccacac 360
 tgggtgtgtct cataagtac ttctacccgg gagccgtnac agtggctgga aggcagatag 420
 cagccccgtc aaggcgggag tngagaccac cacaccctc caaacaagc 470

<210> 2740

<211> 558

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (515)..(553)

<223> n=unknown

<400> 2740
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 ctccacggtg ctcccttcac gcgtgacctg gcagctgtag cttttgtggg acttccactg 180
 ctcaggcgtc aggtcaggt agctgctggc cgcgtacttg ttgttgcttt gtttgagggg 240
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 ggctccccgg tagaagtcac ttatgagaca caccagtgtg gccttggttg cttgaagctc 360
 ctcagaggag ggcgggaaca gagtgaccga gggggcagcc ttgggctgac ctaggacggt 420
 caacctggtc cccccgccga acactctttt gtcgtcagcc gcacagtaac agaaatagtc 480
 agcctcatcc tcaacctggg ccggtgatgg tcaangtgac tgctgctctg cgctggaacc 540
 ggagaatcct cangggat 558

<210> 2741
 <211> 388
 <212> DNA
 <213> homo sapiens

<400> 2741
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 tcataatgtg gaccaaagga acagcgataa agatatcttt ggggatgcct gtgataactg 180
 cctgagtgtc ttaaataacg accagaaaga caccgatggg gatggaagag gagatgcctg 240
 tgatgatgac atggatggag atggaataaa aaacattctg gacaactgcc caaaatttcc 300
 caatcgtgac caacgggaca aggatgggtga tgggtgtggg gatgctgtga cagttgtcct 360
 gatgtcagca aacctaacca gtctgatg 388

<210> 2742
 <211> 591
 <212> DNA
 <213> homo sapiens

<400> 2742
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 ggtttttagtg ttccgaaaag cagttacaga ttgcttcctt ggtttaatta tcgaagcggg 120
 cgaaattctg ggtttgaaac tcttgggaagt cctcagggat ggtgtcattg cagcgatact 180
 tgaggttggg ccagatgatg ttttcttgag agaagcagaa aacgccaagt cggcctccac 240
 gcattgtggg gtctatggg acgccagagt cagccaccaa ctcagagcct tcataaaatc 300
 gtaccctgat gtagcccacc tggggcctgt gctgtaggaa ccagcggtag gacaccttgt 360
 ccttccagcc cacattcctg gagtccttcc acagcagcct gacctgggtca ctgggtgtccc 420
 ccgtgtgcca caggaggttc cggagatgct ccctggacc tgtcttagac ttcacagcct 480
 tgagctgaat gccaggttct gcaactgtcg gaatgggggtg gcttgccaat atgtctgctc 540
 cgtctgcttc cacatgacca cgtagaagct ggagcatttg gtagccaaag a 591

<210> 2743

<211> 214

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (174)..(174)

<223> n=unknown

<400> 2743

gcgggcctgt ccaggggctc cccgccccac cccacgcctt agctgcaggc ccttttgggc 60

aaaggggccc atcctagacc tggggccatcc attccatttt gttccacatt tcctttctac 120

tctttctgcc aagagcctgc ccttgcattt gtcttgggaa acacggtatt taanagagaa 180

ctatattggt attaaagctg gtttgtttta aaaa 214

<210> 2744

<211> 169

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (152)..(152)

<223> n=unknown

<400> 2744

aataccgtgt ttcccaggac aaatgcaggg gcaggctctt ggcagaaaga gtagaaagga 60

aatgtggaac aaaatggaat ggatggccca ggtctaggat gggccccttt gccccaaaagg 120

gcctgcagct aaggcgtggg gtggggcggg gngcccctgg acaggcccg 169

<210> 2745

<211> 315

<212> DNA

<213> homo sapiens

<400> 2745

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tcaaagataa tcattctttc ctattgaatc ctggtcttc tgactgctg ttcctatctc 120
atggtattgg ccaaaccctg tgatgccgtg ttgaatagga gtactttctc accacacttg 180
tcttccttcc gcctctatgg gaatccttcc aaaacggcac cattaagtgt tatactcgct 240
gtagctcctc cttatgaagt tctcttctca ttgtagtctg ttaagtgttt atgattaaag 300
agtgttatat tttgt 315
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<210> 2746

<211> 255

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (153)..(255)

<223> n=unknown

<400> 2746

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ggattcccat agaggcggaa ggaagacaag tgtggtgaga aagtactcct attcaacacg 120
gcatcacagg gtttggccaa taccatgaga tangancngg cagtcagtan anctannntt 180
caacangcga anaggtnnnc ccctnaatat cantnatnnn tnatnntttc tcccnntcg 240
gcnaantcn ncatn 255
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<210> 2747

<211> 129

<212> DNA

<213> homo sapiens

<400> 2747
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 gaggcgatct accatgggat ccctatggtg ggcattccct tgtttgcgga tcaacatgat 120
 aacattgct 129

<210> 2748

<211> 453

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (110)..(110)

<223> n=unknown

<220>

<221> misc_feature

<222> (243)..(338)

<223> n=unknown

<220>

<221> misc_feature

<222> (447)..(447)

<223> n=unknown

<400> 2748
 aaaatcattg acatagaata attccaacta aagtacatat taaattcctg gaaaataaat 60
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 atttaaaacc ctccatgctg gaataaagga ggagtcccat cttttggtca ttccacttca 180
 ggcttttgat ataactaatc ccttttcttc ttctttcctg ttttggaag ctttcggaaa 240
 canaacaggc aacattttgt gatcataaat atcatagttg ccacgcaggc cagcaggant 300

gctatcacat ccaaagagtg gtactggatc caggtgangt tgtgggctgc gacccgaagt 360
gcttggctcc tttatggccg catgacaaac tcaatccaga agactgctcg atcccagggg 420
cttcaccggt tgatcctgat gaattcntga taa 453

<210> 2749

<211> 537

<212> DNA

<213> homo sapiens

<400> 2749

agttcttgtg gccccgcgg tgcggagtat ggggcgtgat ggccatggag ggctactggc 60
gcttcctggc gctgctgggg tcggcactgc tcgtcggctt cctgtcgggtg atcttcgccc 120
tcgtctgggt cctccactac cgagaggggc ttggctggga tgggagcgca ctagagttta 180
actggcaccc agtgcctcatg gtcaccggct tcgtcttcat ccagggcatc gccatcatcg 240
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ggttaaatgc agttgctgcc attcttgcaa ttatctctgt ggtggccgtg tttgagaacc 360
acaatgttaa caatattagc caatatgtac agtctgcaca gctgggttgg actgatagct 420
gtcatatgct atttgttaca gcttctttca ggtttttcag tctttctgct tccatggggc 480
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<210> 2750

<211> 578

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

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<223> n=unknown

<220>

<221> misc_feature

<222> (345)..(391)

<223> n=unknown

<220>

<221> misc_feature

<222> (542)..(542)

<223> n=unknown

<400> 2750

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agagctagtt ttgaaacgtg acgttatatg gctctatctc tacaacattt tacatggtag 180
atctctgccc agcctcatcc agagtaagtt tcttttccct gctgctactt nattgtttaa 240
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cctgttcagt gcctccattt ggatgaagaa tggtagaatt tggcncctta ggacgtttcc 360
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aagcgggtatt ttacgaaaac accttctggc gggatgtact gtatgcagga tctctcaggg 480
aaaaaatcag tttctctggg caaatcccat aagtgtgtgt gcaatcactg ttccaaagat 540
gncaatttcc agaataaaca tgtatgggct gagaaatg 578
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<210> 2751

<211> 416

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (355)..(356)

<223> n=unknown

<400> 2751

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gtctgattgg catgtggaga gagaaacgct ccagaggaca agtgctgttt gataaagtgt	120
gtgaacactt gaacttgcta gagaaagact actttgggct tacgtatcga gatgctgaaa	180
accagaagaa ttggttggac cctgctaagg aaataaaaaa acagggttcga agtggtgctt	240
ggcacttttc atttaatgtg aaattttatc caccagaccc tgcccaacta tctgaagata	300
tcaccaggac tcagaagggg tagaaattat gttaggagtt tgtgcaagtg gtctnntgat	360
atatcgcgac cggctgcgaa taaacagatt tgccctggccc aaggttctaa agattt	416

<210> 2752

<211> 343

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (230)..(230)

<223> n=unknown

<400> 2752

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gctctgaact agaatgtaaa tatggaccag atttgaaaat aaaacacttt cttttcaagt	180
aaaagaagaa aaatcaatta aaaaatacac ggcacggaaa aagttctagn gaaaacaaag	240
ccacaggaag cccagcagtt tctcctgaag tgaaatttca taatattgta aactaacaaa	300
aatacaggtt ttcttcccaa aataatgaca atttaagctc tct	343

<210> 2753

<211> 389

<212> DNA

<213> homo sapiens

<400> 2753

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gcaccaatgt taccatttgt tacgtttcta ggaacattca aaataatgta tcctgttatt	120

tggaagggaa acagattcat ggagaacaac ttgatccaca tgtaactgca ttcaacttga	180
atagtgtgcc ttccattagg aataaagggg caaatatcta ttgtgaggca agtcaaggaa	240
atgtcagtga aggcatgaaa ggcacgttc tttttgtctc aagtaagtgt gcaaattctc	300
tgtgggcctt tcttctcatt tctgaggaa tagattaaat ctcctttact agaagacaaa	360
taaacatttc taccatgat ctgaatttt	389

<210> 2754

<211> 548

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (247)..(247)

<223> n=unknown

<220>

<221> misc_feature

<222> (379)..(546)

<223> n=unknown

<400> 2754

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cagtaatgat ggggattaat acagagctag tgtttgcat ttgactttat ctcaaagag	120
ctaactgctc aatgaattac agaagactca tactctttt attttttctt ggaaattaaa	180
aaagaaaagc ttactaaat attgacatat atatttactc caaattttac atttagtgaa	240
ataagantat ctctagtagc tcagttaaca tcaacagaaa gcttcaaaag atgattctga	300
aaatggcagg caaaatttct ttttattgta ggcaattact taaactggaa atttggcttt	360
atgcataata agtcatgtng gtaaaacatc cacattgcag ttaggtttcc agtatctagc	420
ttttatttat ttttagcaa tgacattaac aagatttttg ccagggttat nanaatgagg	480
gctttcttga gaattactta tagtttccga gttgaatggc agancgcacg tagacacatc	540

<210> 2755

<211> 498

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (449)..(449)

<223> n=unknown

<400> 2755

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tttttatttc ctttggggaa atgtttccta aaaaatgtaa cgccctctg tgctgctatg      120
tgggaatcag aagtctcagt gcctgatcag acctccttgt ccaggaacag acccttgggg      180
ctgaccctc cttgggacct aatgcccttc tttctgcact atccaggtac cggggagacc      240
aggatgccac tatgtctata ttggacatat ccatgatgac tggctttgct ccagacacag      300
atgacctgaa gcagctggcc aatggtgttg acagatacat ctccaagtat gagctggaca      360
aagccttctc cgataggaac accctcatca tctacctgga caaggtctca cactctgagg      420
atgactgtct agctttcaaa gttcaccant actttaatgt agagcttata cagcctggag      480
cagtcaagggt ctacgcct                                     498
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<210> 2756

<211> 528

<212> DNA

<213> homo sapiens

<400> 2756

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tcagttgggg cacccaaaga caaccatgct ctcggtgaag gcgccgaggt cctggcattg      60
tttctgggtc tcttcgtctt ggcatctgct ctctctgggc cagtgtctca cccaagtgtc      120
cttcccgatg atgtagctga ggttgggctt ctctccccag aaatcggagg agagacccca      180
catgaggtag tgttttctct cctccagctt cagggcttct ctgcacttga tggggctgat      240
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gaacgtg	gcgc	tgctgtccaa	cctgcacctc	atccgagcct	gacttgatgg	tctgctcaat	300
ggccatgatg	tactcgtcaa	agtcattgga	cagctgaacc	ttgaccagtc	gggtcttgta		360
cacatagtcc	actcctgggt	cacaggcctt	gtccagccgt	tcttccaggg	tgaccttgtc		420
atccgacttt	tgtatgaagc	aattctcctc	agcacagcgg	cacagttcat	cacggcagag		480
cttgttcagc	tttccatcct	cctttttcgg	atggtagaac	cgggtaca			528

<210> 2757

<211> 416

<212> DNA

<213> homo sapiens

<400> 2757

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ctcaggagtt	ttgagagcaa	aatgacaaca	cccagaaatt	cagtaaattg	gactttcccg	120
gcagagccaa	tgaaaggccc	tattgctatg	caatctggtc	caaaaccact	cttcaggagg	180
atgtcttcac	tggtgggccc	cacgcaaagc	ttcttcatga	gggaatctaa	gactttgggg	240
gctgtccaga	ttatgaatgg	gctcttccac	attgccctgg	ggggtcttct	gatgatccca	300
gcagggatct	atgcacccat	ctgtgtgact	gtgtggtacc	ctctctgggg	aggcattatg	360
tatattat	tttccgcatc	actggcagca	acggagaaaa	actccaggaa	gtgttt	416

<210> 2758

<211> 559

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (557)..(557)

<223> n=unknown

<400> 2758

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------------	------------	------------	------------	----------	----	------------	----

gtcttccact agtgggctgct aaaaatgtag aaatatcata gggagtgcaa attacattgt	120
ctctttacct gccacaatct ggcagcactc atcatgtagc aaatgccaa ataatagact	180
acagattata gtgacttcac cctagggttaa cattatttct aggtaaggta ctagtatatc	240
tgaattgaaa agtggggcag ctgttgactc agattcggca ttttaattac attgtttcca	300
agtatgatat tctgagagtg tctatagcac ttagtgtctg cttcatataa actaccagtt	360
attatatatt tatgatgcaa gtagttttcc aaatgtggtg aaagtctgag tctttttatc	420
cccatgggta aaatctgaat ctggctctct gtgtctctca gtgcttggtt attgctggtc	480
agagagtaaa ttcttgataa aagctgttga cttgggctct cacagtttat gcagacattg	540
gagagccatt tgggtantt	559

<210> 2759

<211> 515

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (240)..(242)

<223> n=unknown

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<222> (452)..(467)

<223> n=unknown

<400> 2759

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ggtgaagaca ttgtggctga ccacgtcgcc tcttatggtg taaacttgta ccagtcttac	180
ggtccctctg gccagtacac ccatgaattt gatggagatg agcagttcta cgtggacctn	240
nngaggaagg agactgtctg gtgtttgcct gttctcagac aatttagatt tgacccgcaa	300
tttgactga caaacatcgc tgtcctaaaa cataacttga acagtctgat taaacgctcc	360

aactctaccg ctgctaccaa tgaggttcct gaggtcacag tgttttccaa gtctcccgtg 420
 aactggggtc agcccaacat cctcatctgt cntgtgggac aacatcnttt cctcctgtgg 480
 tcaaacatca acattggctg agcaatgggg cactc 515

<210> 2760

<211> 473

<212> DNA

<213> homo sapiens

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<222> (18) .. (300)

<223> n=unknown

<220>

<221> misc_feature

<222> (409) .. (426)

<223> n=unknown

<400> 2760
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 gctaagaaat caacatgtta tcaggtata ctgtagttgg ttgcttctgt gttactggac 180
 atgacaaatg atctggtaaa tnatgttaaa ttggcttgaa acaaganagt ctcccaattg 240
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 aaggggaattt gttgcttcca tggagattat agatggaggt tactgaggaa ttaggtagct 360
 ggggtggctta ctccaggcat cccttagtag gtaacacttg agaaaagana aaaatcagga 420
 agtcanggaa ataattcaaa ggcatttggtg agcctgagca gatatagcaa ttt 473

<210> 2761

<211> 324

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (4)..(273)

<223> n=unknown

<400> 2761

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gagagaagga agtggctaaa acattgcaca gnngaagtcg gcctnantgg tgcggcgctc     120
gggaccacc agcaatgctg ctcttcgtgc tcanctgcct gctggcggtc ttcccagcca     180
tctccacgaa gagtcccata tttgggtccn aggaggtgaa taatgtggaa ggtaactcag     240
tgtccatcac gtgctactac ccacccacct cnttcaaccg gcacaccggg aagtactggt     300
gccggcaggg agctagaggt ggct                                             324
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<210> 2762

<211> 362

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (284)..(327)

<223> n=unknown

<400> 2762

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aaagaaatta aatttttagct ttctggagag cagccctctt ctggcaccat caaacacttc     120
tttgtttccc ttcaacttgg aactcttcaa acatcagggg ttgtgagggg ttggccattc     180
ttttatcttg ggtccatgtg agtgacagaa atggtgcggc ctgggaaaga tctccctcct     240
ttacattttc tcttctccct cctcctcctt attctaaaac tgtnccctca acagangggc     300
```

aggttttctt gtagagagat ccctgggccca ggacaggaga tgccaaatct aatttatctc 360
ac 362

<210> 2763

<211> 555

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature\

<222> (546)..(546)

<223> n=unknown

<400> 2763

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catctgcaca ggcaacggcc gaggagagtg gaagtgtgag aggcacacct ctgtgcagac 180
cacatcgagc ggatctggcc ccttcaccga tgttcgtgca gctgtttacc aaccgcagcc 240
tcacccccag cctcctccct atggccactg tgtcacagac agtgggtgtgg tctactctgt 300
ggggatgcag tggctgaaga cacaaggaaa taagcaaattg ctttgcacgt gcctgggcaa 360
cggagtcagc tgccaagaga cagctgtaac ccagacttac ggtggcaact caaatggaga 420
gcatgtgtct taccattcac ctacaatggc aggacgttct actcctgcac acagaagggc 480
gacaggacgg acatctttgt gcagacaact tcgaatttga gaggacagaa tactcttctg 540
acagancaca ctggt 555

<210> 2764

<211> 453

<212> DNA

<213> homo sapiens

<400> 2764

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gtcaccatct cctgcaaagc cagccaagac attgatgatg atttgaattg ggtaccaaca 120

gaaaccagga gaggtgctc ttttcattat tcaagattct actactctcg ttcttggaa	180
tcacctcgat tcagtggcag cgggtatgga acagatttta ccctcacaat taataacata	240
gaatctgacg atgctgcata ttacttctgt ctacaacatg ataatttccc tctgacgttc	300
ggccaaggga ccaaggtgga aatcaaacga actgtggctg caccatctgt cttcatcttc	360
cgccatctga tgagcagttg aaatctggaa ctgctctgtt gtgtgctgct gaataacttc	420
tatccagaga ggcaaagtac agtggaaggt gga	453

<210> 2765

<211> 430

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (359)..(384)

<223> n=unknown

<400> 2765	
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cactctcccc tgttgaagct ctttgtgacg ggcgagctca ggccctgatg ggtgacttcg	180
caggcgtaga ctttgtgttt ctcgtagtct gctttgctca gcgtcagggg gctgctgagg	240
ctgtaggtgc tgtccttgct gtctgctct gtgacactct cctgggagtt acccgattgg	300
agggcgttat ccaccttcca ctgtactttg gcctctctgg gatagaagtt attcagcang	360
cacacaacag aggcagttcc aganttcaac tgctcatcag atggcgggaa gatgaaagac	420
agatggtgca	430

<210> 2766

<211> 68

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (35)..(60)

<223> n=unknown

<400> 2766

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ttcctcaa 68

<210> 2767

<211> 211

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (119)..(207)

<223> n=unknown

<400> 2767

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cttatcgga catgaaaagg gaagcacata ggccacatca agtgtcaggg caggagang 120

cccagcgact gctggccggg tagggcttgg ccataagcca ggaaaaggat gccnggtacc 180

accttttaga cacatgcaga aggagangag a 211

<210> 2768

<211> 531

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (405)..(494)

<223> n=unknown

<400> 2768

gaactctcca tccgactag ttattgagca tctgcctctc atatcaccag tggccatctg 60

aggtgtttcc ctggctctga aggggtaggc acgatggcca ggtgcttcag cctgggtgtg 120

cttctcactt ccatctggac cacgaggctc ctggtccaag gctctttgcy tgcagaagat 180

acttggaacta actcgtgcat tccagaaatt atcaccacca aagatcccat attcaacact 240

caaactgcaa cacaacaac agaatttatt gtcagtgaca gtacctactc ggtggcatcc 300

ccttactcta caatacctgc ccctactact actcctcctg ctccagcttc cacttctatt 360

ccacggagaa aaaaattgat ttgtgtcaca gaagttttta tgganactag caccatgtct 420

acagaaactg aaccatttgt tgaaaataaa gcagcattca agaatgaant gtgggttgga 480

ggtgtcccca cggntctgct agtgcttgct ctctcttcc ttggtgtgca g 531

<210> 2769

<211> 460

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (37)..(54)

<223> n=unknown

<220>

<221> misc_feature

<222> (157)..(456)

<223> n=unknown

<400> 2769

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agtattgaca actgcacatg aaagttttgc aaagggaaac aggctaaatg caccaagaaa 120
 gcttcttcag agtgaagaat cttaatgctt gtaattnaaa catttgnncc tggagttttg 180
 atttggtgga nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360
 nnnnnnnnnn nnnnnnnnnn nagaaccaac actncagttt nctgggaaag gagnaacttt 420
 gnctcaagac ttatagccat cggtccngc ctgagntttc 460

<210> 2770

<211> 538

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (134)..(455)

<223> n=unknown

<400> 2770

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 aaattaattc acacaattgt tggggttggc aaacttcaaa tccatagggc agactagcag 120
 gctggaaact cagnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn tccaccaaact caaaactcca ggaacaaatg 420
 tttaaattac aagcattaag attcttcact ctgangaagc tttcttgggtg catttagctg 480
 tttccctttg caaaactttc atgtgcagtt gtcaatacta aagcaaagtc tacctaata 538

<210> 2771

<211> 274

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (249)..(267)

<223> n=unknown

<400> 2771

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ccaggccccc ggacaaaggc ttgagtggat gggatggatc aacgctggca atggtaaaac      60
aaaatattca cagaacttcc agggcagaat caccattacc agggacacat ccgcgagcac      120
agcctacatg gagttgagca gcctgagatc tgaagacacg gctgtgtatt actgtgcgag      180
agtctgggct ggggaattta ctagctttga ctactggggc cagggaaacc tggtcaccgt      240
ctcctcagna tccccgacna gccccanggt cttc                                     274
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<210> 2772

<211> 308

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (5)..(289)

<223> n=unknown

<400> 2772

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gggtggggtt anccgccaag cggatcgatg gtcttctgtg tgaaggncag cggcagggcc      120
tcgtggccca ccatgnagga gaagggtgtc cccttcttcc agtcctcgnn tgccacgngc      180
agtatgctgg tcacagcgan ggtggtggtg ccctngctgg nctcctgccg ggatgcccaa      240
gtcaggtact tctcgcgggg ongtcctgn gaccctgca gnnagcganc cagcacatcc      300
ttggggct                                     308
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<210> 2773

<211> 382

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (316)..(370)

<223> n=unknown

<400> 2773

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gcctgcgttc ttttcttttc tccacacatc aactggcat gcagcatgtt gtggcgtgtg      120
agcatggggg ggccgtgggt ctctgtccct gactaagccg ccccttgctc cttctcagat      180
tatgtttgag accttcaaca ccccggccat gtacgtggcc atccaggccg tgctgtccct      240
ctacgcctct gggcgcacca ctggcattgt catggactct ggagacgggg tcacccacac      300
ggtgcccatc tacganggta cgctcccnc acgccatcct gcgtctggac ctggctggcc      360
gggacctgan cgatacctca tg                                             382
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<210> 2774

<211> 161

<212> DNA

<213> homo sapiens

<400> 2774

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gctggggcct aatgtttctca cataacagta gaaaaccaa atttgttgtc atctcttcaa      60
agaatcgaga attgcgtaca aaaaaacctt acataaatta agaatgaata catttacagg      120
cgtaaattgca aaccgcttcc aactcaaagc aagtaacagc c                                             161
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<210> 2775

<211> 366

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (244)..(365)

<223> n=unknown

<400> 2775

ccagaggaga gtacaggctg tgctgcagtt agttcattga aaactcattt gctcttggag	60
cagtcaggca gtgactgcct tcggcttttt ttctgctgac taagatctcc tatagagagc	120
tacaacaatg cccaaaagaa aggctgcagg tcaaggatgat atgaggcagg agccaaagag	180
aagatctgcc aggttgctctg ctatgcttgt gccagttaca ccagaggtga agcctaaaag	240
aacntcaagt tcaaggaaaa tgaagacaaa aagtgatatg atggaagaaa acatagatac	300
aagtgcccaa gcagttgctg aaaccaagca agaagcagtt gtttnagaag actacaatga	360
aaatnc	366

<210> 2776

<211> 125

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (59)..(115)

<223> n=unknown

<400> 2776

tcttcttttc catcttctct ctctttttca tcttctttga cttttacatc tttccctnn	60
tttttatctn ccttnncttt tccatcttca ttctnntgnc catctcnngt nncnnttctg	120
tcttc	125

<210> 2777

<211> 144

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (28)..(140)

<223> n=unknown

<400> 2777

catgctgatac aagaaagtag aaactccnag nngccttcan gtttgagtc gcagaaacat 60

tgcctgctgt ggnctntcan cacaaaactg ggacantggn gncatttaga ctgtcagcag 120

tgcacntgan tgtangatan actc 144

<210> 2778

<211> 366

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2)..(16)

<223> n=unknown

<220>

<221> misc_feature

<222> (272)..(330)

<223> n=unknown

<400> 2778

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caagaaaagt gtgcaaataa tttatacaga aggactcagc tcacacaata ttaaataaac 120

atctctgcat gtaattgggc taactttatg ctttagttac aatgttcaac cccctcta	180
acttttcatt taaaaaagta cattaagct tctaagctta ggacacaggc tgtaatatac	240
gccacttta gccatgggtga ttggcacttg gnagaataaa gatggcacca aggnntccca	300
agtatagaat acacntgga gccttctgcn taacagactt gtgcttcggt aaattaaaca	360
aacaca	366

<210> 2779

<211> 400

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (67)..(86)

<223> n=unknown

<220>

<221> misc_feature

<222> (217)..(371)

<223> n=unknown

<400> 2779

cgtttctgag ccaggggtga ccatgacctg ctgcgaagga tggacatcct gcaatggatt	60
cagcctnctg gntctactgc tgttangagt agttctcaat gcgatacctc taattgtcag	120
cttagttgag gaagaccaat tttctcaaaa ccccatctct tgctttgagt ggtgggtccc	180
aggaattata ggagcaggtc tgatggccat tccagcnaca acaatgtcct tnncagcaag	240
aaaaagagcg tntgcaaca acagaactgg aatgtttctt tcatcacttt tcagtgtgat	300
cacagtcatt ggtgctctgt attgcatgct gatatccatc caggctctct taaaangncc	360
tctcatgtgt nattctccaa gcaacagtaa tgccaattgt	400

<210> 2780

<211> 487

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (401)..(427)

<223> n=unknown

<400> 2780

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cacatttttt tatagagggt gttgagatat ctaggtgggt ggtttggttt gaagctcagg 120
ggaaggctctg aaatggacag ctttgggagt tgctggcatg aatgagaatc aaagtcctag 180
agaggtaagc cttcccagag agtatgtaat tatcagtttt tcaggaatca aaacctttgc 240
cccatcccac ctccagctca atgaccattg ccccttctc aaagggacga tcatggcttc 300
tcccccttgc actgggcctg ccgagagggc cgctctgctg tggttgagat gttgatcatg 360
cgggggggcac ggatcaatgt aatgaaccgt ggggatgaca nccccctgca tctggcagcc 420
agtcatngac accgtgatat tgtacagacg gtacgtacca aactccttcg tcatccacat 480
cacatac 487
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<210> 2781

<211> 508

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (329)..(500)

<223> n=unknown

<400> 2781

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gggccacagt ggtagggatg ggggaagggg atggaccca tggctggggg agtaccatga 120
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ctggaggcgg gggaggcaac cagaggcctg ctgctttggg gaggtgcatt cccccaacca 180
 tgtcccgaca cctctggagt tcaggcaagg accttcagtt cctacttggtc ctgcattcttc 240
 tcaaggatag gcacaatcat gtcaaatttg ggtcgctttg caggggtcttc attcatgcag 300
 atcttcatga gcttacacac atgaggggna atacctngtg ggatggtagg ccgaantttc 360
 caatgccacc ttcattccaa tctccatatt ggagagggtca gcaaagggna cctcccgtgt 420
 caccagttcc cacagaagca ctgcaaaaact ccacatgnct gctgancgtc tgtttgtgnc 480
 ttcaggnttc ttcttcagan cttcgggg 508

<210> 2782

<211> 114

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (58)..(60)

<223> n=unknown

<400> 2782

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tgataatcta catatattat cctgtgttaa ggaaaaggct tagtttactt taaa 114

<210> 2783

<211> 186

<212> DNA

<213> homo sapiens

<400> 2783

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ggtgaaaatg gacagttaac tttgattttt atgaaaacag ttgtgacttc atctacactc 120

ctccctcaaa gggctttagg acctcagtgg tccatggaga ccatgctttg agactgctgg 180

tttaga 186

<210> 2784
 <211> 492
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (137)..(137)
 <223> n=unknown

<220>
 <221> misc_feature
 <222> (351)..(408)
 <223> n=unknown

<400> 2784
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 cctccctcac atgcccagag ccttctgctg acatggactg gacagccccg ctgggagacc 120
 tttgggacgt ggggtgnaat ttggggatc tgtgccttgc cctccctgag aggggcctca 180
 gtgtcctctg aagccatccc cagtgagcct cgactctgtc cctgctgaaa atagctgggc 240
 cagtgtctct gtagccctga cataaggaac agaacacaac aaaacacagc aaaccatgtg 300
 cccaaactgc tccccaaaga attttgagtc tctaacttga cactgaatga ngggagaagg 360
 gaaggagatt ctgggattgc cagttcttcc agcagccatg ctctgaanat caaggtagaa 420
 tccatggaaa aggaccccag gaccccggga ccctagacgt atcttgaact gccatcgta 480
 tttcaaatac at 492

<210> 2785
 <211> 440
 <212> DNA
 <213> homo sapiens

<220>

<221> misc_feature

<222> (16)..(16)

<223> n=unknown

<400> 2785

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gagggcaggg ttggctagag gaggaagacg gcgaggacgt gcgaggggtg ctgaagaggc     180
gcgtggagac gaggcagcac actgaggagg cgatccgcca gcaggaggtg gagcagctgg     240
acttccgaga cctcctgggg aagaaggtga gtacaaagac cctatcgga gacgacctga     300
aggagatccc agccgagcag atggatttcc gtgccaacct gcagcggcaa gtgaagccaa     360
agactgtgtc tgaggaagag aggaaggtgc acagcccca gcaggttcga ttttcgctct     420
gtcctggcca agaaagggga                                         440
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<210> 2786

<211> 520

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (338)..(338)

<223> n=unknown

<220>

<221> misc_feature

<222> (495)..(516)

<223> n=unknown

<400> 2786

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tgtacttggc atcgatcatcc ccgcaaacat cactaataat taaagagcag ttcccgctct	180
catcgtagtc tatctggaag tggcgggact ccctgattga ctggatcatct ttgaaccaga	240
caacctcggg gtctgggtat ccttcaatct tgcagtcaaa tctagcagca cttccctcca	300
caacttctaa atcgcgaaatg gtcttagaga aatagggntt tacatgaggc ttttcctcag	360
caacagcctc aaggaaagct tgggacacat cttcttcaga ttctagtttt tctgcattga	420
gcgggctggg tggtgacct gttgaggatt tcctgccact gagccctgag atcattgcc	480
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<210> 2787

<211> 485

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (275) .. (321)

<223> n=unknown

<400> 2787

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gtctatatct ggggaatttc ctttgtagct tatattctca gccagtgtca ggcaatgtat	180
tcctttaagt gtctcaggcc ttcctcctga gtccttggtg gctgagagtc ctggatctgg	240
aggcatacct cttgagatta gatttcaagt gtgannnnnn nnnnnnnnnn nnnnnnnnnn	300
nnnnnnnnnn nnnnnnnnnn ntaagatgaa gatgatgaga atggccaagt aatagcctcc	360
acctcaaagg gttgttgacg gggttaaatta gttggtccat atacagctct tgaaatggga	420
ccaggcacca cgtggacctg ctcagtgagc gtttgccatt tttattgctg tggagatgag	480
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<210> 2788

<211> 364

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (326)..(348)

<223> n=unknown

<400> 2788

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agcacatagc aaagtaacat aattatgtgg ggcagagaga tgacaagggt cacacatggg      120
gctggaggcc ttagtccttg gaggtcctat ccaaagcaag gctgataaaa aagctgcccc      180
aaactgcatt gaacatggga aagttaaggc ctgcatggag gaggtgctgc tgtggtctgg      240
ccaatgccag caggcaggtc acttccttgg cctttgggaa aggatggcga tgatggagaa      300
ggtaagaag atcacgccag ccatgnctcc gatcaccatg cccanganac tgccgtgcac      360
ctgc                                                                    364
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<210> 2789

<211> 250

<212> DNA

<213> homo sapiens

<400> 2789

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taaatcacca,gctgtggata ggccaccagt ggtgactggg gtaacagctg aatataccag      180
gccaacacac atagtccttt ggaataaatg tgaagaaaga tattgctaca acacactgta      240
ccattacttt                                                                    250
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<210> 2790

<211> 476

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (292) .. (335)

<223> n=unknown

<220>

<221> misc_feature

<222> (467) .. (467)

<223> n=unknown

<400> 2790

gacctgtata aattatgaga ttcaaaacag tggcgccact atactgctaa acctatgcat	60
gaaggtagtg actaggatgg aaatctgtca gtgctacaaa aatatgtatg aacaaaataa	120
ttttcacccct ttgataaagc tacaagatat aaaatttaga atacttatat aatttcatac	180
tagatatgtg aaaaatatgc catgctagaa ccatcttggt ccaaagtttg aaacatattc	240
tgtcaaaaat actcttcgta caatgtatga acttatcaat aactttctgg gnataaagtt	300
gtttttatgt catagtcaga tgaagatcct tctgnattat atgttgatta gaattttggt	360
tcaactggca cctggaagaa gacagaaaagt tcttgtttta aaatactcgt caagttctgt	420
tacaataatc acatcttagg ggctagaatt taccagaggt aacaggnttt tttttt	476

<210> 2791

<211> 454

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (172) .. (287)

<223> n=unknown

<400> 2791
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ctaataaatg ttgaaagaat gaatgagtga aatggaatga actccctgat gaagtatttt 120
aatttacagg tcaacagctt tggctaaagg attggaggta tcctggggag anggaanaga 180
aggaggggca cactcagttc tgggctgctc tttggcccc actctgaagc cagatggggg 240
cagagtccag agggggccagg gcagttgcct ganaggccct cccctanccc accctgagca 300
ggactggaga actcgggtctg ggccgaggat atgggtctttg tccccatggc tgtgccctgg 360
agccctgagc accagctgca gaggctgcag gtgacccgga agctgctgga gatggaggag 420
caggccgcct tcctcgtggg aagcgccacc cctc 454

<210> 2792

<211> 459

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (452)..(452)

<223> n=unknown

<400> 2792
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gccgggagaa ggaagccggg gacaggatga aagcaacaac acctttgcag acagtgcacc 120
ggcccaagga ctggtacaag acgatgttta agcaaattca catggtgcac aagccggggtc 180
tgtacaaccc accctacagt gctcagtcac accctgctgc aaagacccaa acctacagac 240
ctctttccaa aagccactcc gacaacagcc ccaatgcctt taaggatgcy tcctccccag 300
tgctccccc acatgttcca cctccagtcc cgccgcttcg accaagagat cgggtcttcaa 360
cagaaaagca tgactgggat cctccagaca gaaaagtgga cacaagaaaa tttcgggtctg 420
agccaaggag tatttttgaa tatgaacctg gnaagtcac 459

<210> 2793

<211> 505

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (501)..(501)

<223> n=unknown

<400> 2793

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agattatatt atatacataa aatttacata tataaaaatg aagctttagg aaaaaattat      60
ttcagaaaac atttatgtac acaggagtac agatatatat catacgagac ttcattgatac      120
tctcgttttc tctttctctt tcgatatttt aacttgaaaa tgaaatgagc aaaattaatc      180
attaaatctt tatgccagca cctatttgag aaacactgac ttatatttac tgatgtggca      240
ctcacacatg tagaaacata atatgtaa atcttttctct gcaatagata tgatattcta      300
atctaataac ctaaagtcac acaccgatta tcttacttgg agcttccaat attacattaa      360
catgatagag tatgttctta ccttatttga gctcaagctg tgaatcctat cactagaata      420
gctgtggggg attggagggg cagggtagtc ctcagcacct tttgtgttcc tcttgacgac      480
ctccacatag ggaaacaggg nagat                                           505
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<210> 2794

<211> 465

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (8)..(9)

<223> n=unknown

<400> 2794

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aagcagaaat caccaagttt ccccttttg aattaccacc aagaagtgtt gaaacaccaa 120
atagatatca tgttattttg ggcatttgca gttttcttcc ctgctgcatg taatgtctca 180
gaatcaacat tcttttaaaa tctagactat attttgaggc aatgaattac ttatattcaa 240
cttaggcttg ttttgacatt cagtagaact ttaagttcaa tctaaaggct tcagtcacaca 300
tttttttata cgttgtattt taaaaacggt tgaaaggagt cttacacctg tatcatgaaa 360
actgaatcct tttgaaatac cactatatga agagagagat gaaatttagt gaacagaatt 420
gaaaagggtgc tcataatttc actatggcaa acttaccctc agtct 465

<210> 2795

<211> 508

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (305)..(491)

<223> n=unknown

<400> 2795

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ttcaaattggc ttagtttggg gttttgtcta aatgtatcat tatataatga aagcaccaat 180
ttgaggggtt ctcaaatagt gatttgaatt ttaggacata acagtataac atggtaactt 240
tattcttcat atataaataa ggcataatcg gatgtgtatt aatgctgaaa atacatttta 300
tcaanagcat aaatncaagt atttgggtac acattgaaag ttaggactta accaatttct 360
tcttacaaaa aatgatnagg accatatggt atttgttgaa tctaaatcag cacttctaata 420
catttctggt attaaggcgt ccttnttccc ttctacttta aaccaaccac tgccaccaac 480
tgaataaggg ntttccttaa acagcctc 508

<210> 2796

<211> 162

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (16)..(154)

<223> n=unknown

<400> 2796
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tttctacagg ggaagtntgg atgtaatttc cntgaggtag tgaaatcaaa gtnatccaaa 120
gattataact ttnttaaaat gnaaagttca ngnnatcata tc 162

<210> 2797

<211> 322

<212> DNA

<213> homo sapiens

<400> 2797
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ttaataagaa gattactccc ccttttaacc caaatgtggt gagtatctgt ctctcttcta 120
agtatagaga agcccaaagg gcatttattt taattcagaa ttgtctgggg gagggttgga 180
aggaatacat tggcagatgt tttctccata aacctgttat tttacctaca taaaaagcac 240
atTTTTgtgt cccaacaagg ctcccataat ttttagacac atttatcaat tcgaagcacc 300
aaaaggcaac aagtgaacat ta 322

<210> 2798

<211> 391

<212> DNA

<213> homo sapiens

<400> 2798
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ttaataagaa gattactccc ccttttaacc caaatgtggt gagtatctgt ctctcttcta 120

agtatagaga agcccaaagg gcatttattt taattcagaa ttgtctgggg gaggggttga 180
 aggaatacat tggcagatgt tttctccata aacctgttat tttacctaca taaaaagcac 240
 atttttgtgt cccaacaagg ctcccataat ttttagacac atttatcaat tcgaagcacc 300
 aaaaggcaac aagtgaacat tattcttatg tttaactgtg tgtagccttt tgagattttg 360
 tgcttgaagt ggggtgattat ggaagttgat a 391

<210> 2799

<211> 354

<212> DNA

<213> homo sapiens

<400> 2799

agcgagactc cgtttccaaa aaaataagag agaatagaag aagctactgc atgatgttag 60
 ttaccaagcc tgccatgggt cctctcttgc tagacacact ccatagatcc cccactgag 120
 ctgtggatgg gcaaaccocg gtggaatccc accctcccca acacccact gagccctggg 180
 cccctcctc ccttctcacc ctccacctc tcctgcctt ctctcttctc tcgtctgagc 240
 cccaggcct tttccacttt gagggagggtg cttcgaagaa tgttgccac acctaagtgt 300
 tagaagccta tgtcggttca tcctgagag gtctgaaaga ataaaaataa attc 354

<210> 2800

<211> 468

<212> DNA

<213> homo sapiens

<400> 2800

tgggtggtta gttttctgct ttgtgggttac aatattgttt tttaaattatt caacatgaat 60
 acactttctt gtttgataa cgtgtaaaac gtctacaagg agggatagat aataagtttt 120
 cccttcagaa tgcactgctt tgcctgggat gaggaataat ttataatggg aactgttgct 180
 gggtaaaatt tggctcctac ccacattcat gcaaactcag tgttctagat taaaagagat 240
 ttaagagact tgccaagcaa atgcatggca tccttagatg tatcctgatt tgaataaaac 300
 agctataaat aataatattt ttgggattat tgaaaaattt gactatagat tagttttcag 360
 gtgatattgg agaattaatg ttattattgt taggtatgtt agcacggtca tgcagcaatg 420
 tgtctttcct tttaagagat gcatacaaaa atatttgggt gtgaaatg 468

<210> 2801

<211> 461

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (262)..(449)

<223> n=unknown

<400> 2801

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aatcattcta acagccagcc actgccctgg aggaccaggg ggagagtttg gagtgaagtt      120
taatgttgcc aatggaggta tgtggttcag tatatgcctt aataatcacg atttctttcc      180
tcttatatta ttatagtctc acagtgaccc tttgatgata gacaagcaag gtgcagagga      240
cctagctcag aaaaatttag tnaggtgccc aaagtgatcc aacaaagaag tggcatgatg      300
ggctcatgaa cccatttggg tggnetcttg gncctctgta ctcttcagca taaactattn      360
aatagttgat gcttatctga tatngaaggn ctctgaattt taacattaaa acataccctg      420
gangtcattg tctaaatgac aatgaccnc attttacaca t                               461
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<210> 2802

<211> 453

<212> DNA

<213> homo sapiens

<400> 2802

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ctgagctagg gctttttgca aaggtgatta aaaatcaagg ctggagttcc agccaaatag      60
ggaggagagg taccacaagt tcactctaaa cttgcttccg ggctgggtag ttaaaacagg      120
aagatcccaa ggggatctta cgaggcaa atcagcaggt aactgtggaa gaaaggaaat      180
ctcaggacct aatgagttcg ttgtaaaata ttcctgggaa tagatggggg atctactccc      240
agttttttac tttttacaga atattgttgc tttctacaa caatgtacat atatttgcag      300
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ttgtatatgc tttttttttt tccaaataaa cttgtcaccc tgcattgccct tggcaaataa	360
gtgaagcaga aataggaaca cagtccacat tcaagttgag gaacagtgtg tctttaagag	420
ctgagctttg ggtgacctgg aaagggggaa aga	453

<210> 2803

<211> 465

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (46) .. (46)

<223> n=unknown

<220>

<221> misc_feature

<222> (445) .. (445)

<223> n=unknown

<400> 2803	
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cattcccgac ggggacagta ttcggcgaga gaccggcttc tccaagcca gcctgctccg	120
cctgcaccac cggttccggg cactggacag gaataagaag ggctacctga gccgcatgga	180
tctccagcag atagggggcg tcgccgtgaa cccctggga gaccgaatta tagaaagctt	240
cttccccgat gggagccagc gagtggattt cccaggcttt gtcagggctt tggctcattt	300
tcgcctgtg gaagatgagg acacagaaac ccaagacccc aagaaacctg aacctctcaa	360
cagcagaagg aacaaacttc actatgcatt tcagctctat gacctggatc gcgatgggaa	420
gatctccagg catgagatgc tgcangttct ccgtctgatg gttgg	465

<210> 2804

<211> 391

<212> DNA

<213> homo sapiens

<400> 2804

ccctactgca tcaagcccca tcctcctagc atgcacccag gaaatcagca aaaacccatt	60
taagagtcca gacttcaagg gtccctcaca gtaatgggca tctcttggtt tgcccgagca	120
gagcagacca ctcgtttccc cttattctgc taattgtatt tcattttcct ttaagcaacc	180
acctttcacc ccctcctgaa tcctcagacc ttatttcctt ggctctagga attagcacat	240
gacacaggcc tggccactca gagggtttca ttcccctaga agtagagatg agaccccaaa	300
cgggtcaatg acactctcca cttggaatta ttggaataag taaatctctt cccactgggt	360
tactgggtta gcaggataga agcctggagc t	391

<210> 2805

<211> 428

<212> DNA

<213> homo sapiens

<400> 2805

cttaaaatac aaagtctata ttattgcata attttgctgc ttctcaatat catagacaca	60
gtgaatagat gatgactata tggcttatat acaaacattc tatgtacaat ttcaagggag	120
actaaacttt aggctaataa tctttactat tgaatctgtc tgatatagat cttaggggtg	180
aagaagctat ctttgtctat ttgggctaac catagaattt catttatttt cctcacaata	240
ttttcctaga ccaactcccc atcattcagc tgttctctt tactcttact ttaactattt	300
tgctggcttg cccgaaaatt tgccctggcaa gtcttcctta taagacacat catggtaagt	360
ttttagtcc tgtaagatgc tggcaacaca gtcaagaatt atacaatcct actagcaata	420
tataagga	428

<210> 2806

<211> 375

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (212)..(362)

<223> n=unknown

<400> 2806

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acttcccgac tagacaactg catgaaaaat tggatagcga attatgagtc caagttctat      120
agctggcata gtcctcatgc tttagcccca gcctctgagc ttagcagaag acattttggg      180
tccttatata ttgctagtag gattgtataa tncttgactg tgttgcanaa tcttacanga      240
ctacaaaact taccatgatg tgtcttataa ggaagacttg ccaggcaaag ttctgggcaa      300
gcctagcnaa atagttaaag taagagtaca gaggaacacg tgaatgatgg gganntgggc      360
tnggaaaata ttgtg                                     375
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<210> 2807

<211> 340

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2)..(306)

<223> n=unknown

<400> 2807

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ccgcagcctc ccggggctcc tggctcctctg ctncnacgtc acgggnatct tcnnccgnccc      180
cccagcncca ncnaccatnt cccccagnna gngggctnag ctatgccacg acggttaaca      240
tccacgttgg cgggggtgng annctgcggn cagntaaggg ccaggtccgg ttgaancanc      300
ctgctntctt ggctccagc acaggaatct atggggcttc                                     340
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<210> 2808

<211> 431
 <212> DNA
 <213> homo sapiens

<400> 2808
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 atgaccagct ctcttccac cctgtctgca tctgtaggag acagagtcac catcacttgc 120
 cgggccagtc agagtattag tacctgggtg gcctgggtatc agcagaaacc agggaaagcc 180
 cctaaactcc tgatctataa ggcgtctagt ttagaaagtg gggccccatc aagggttcagc 240
 ggcagtggat ctgggacaga attcactctc accatcagca gcctgcagcc tgatgatttt 300
 gcaacttatt actggcaaca gtatgatatt tacccttgga cgttcggcca agggaccaag 360
 gtggatatca aacgaactgt ggctgcacca tctgtcttca tcttcccgcc atctgatgag 420
 cagttgaaat c 431

<210> 2809
 <211> 384
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (183)..(183)
 <223> n=unknown

<220>
 <221> misc_feature
 <222> (329)..(370)
 <223> n=unknown

<400> 2809
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 aaaggatggg aggggggtcag gctggaactg aggagcaggt gggggcactt ctccctctaa 120

cactctcccc	tggtgaagct	ctttgtgacg	ggcgagctca	ggccctgatg	ggtgacttcg	180
cangcgtaga	gtttgtgttt	ctcgtagtct	gctttgctca	gcgtcagggg	gctgctgagg	240
ctgtaggtgc	tgctcttgct	gtctgtctct	gtgacactct	cctgggagtt	acccgattgg	300
agggcgttat	caacttccac	tgtactttng	cctctctggg	atagaagtta	ttcagcaggc	360
acacaacagn	ggcagttcca	gatt				384

<210> 2810

<211> 439

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (351)..(427)

<223> n=unknown

<400> 2810

gaccagtc	ggacacagcc	tggacatgag	ggtccccgct	cagctcctgg	ggctcctgct	60
gctctggctc	ccaggtgcc	gatgtgacat	ccagttgacc	cagtctcctt	ctaccctgtc	120
tgcatctgtg	ggagacagag	tcaccatcac	ttgccggg	agtcagactt	gtgatacttg	180
gttggcctgg	tatcagcaga	agccaggcca	agccccaaa	ctcctgatct	ataaggcgct	240
tattttagag	agtgggtgtc	catcaagatt	cagcggcaat	ggatctggga	cagaattcac	300
tctcagcatc	accagcctcc	agcctgatga	tattgccact	tattattgtc	nacaatataa	360
taattatccg	gagacattcg	gccaggggac	caaagtggag	atcaaaggga	actgtngntg	420
caaccanctg	tcttcatct					439

<210> 2811

<211> 434

<212> DNA

<213> homo sapiens

<220>

<221> .misc_feature

<222> (409)..(409)

<223> .n=unknown

<400> 2811

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aaaggatggg aggggggtcag gctggaactg aggagcaggt gggggcactt ctccctctaa 120
cactctcccc tgttgaagct ctttgtgacg ggcgagctca ggccctgatg ggtgacttcg 180
caggcgtaga ctttgtgttt ctcgtagtct gctttgctca gcgtcagggt gctgctgagg 240
ctgtaagtgc tgtccttgct gtccctgctct gtgacactct cctgggagtt acccgattgg 300
agggcgttat ccacttccac tgtacttttg cctctctggg atagaagtta ttcagcaggc 360
acacaacaga ggcagttcca gatttcaact gctcatcaga atggcgggna gatgaagaca 420
gatgtgcagc acag 434
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<210> 2812

<211> 631

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (563)..(588)

<223> n=unknown

<400> 2812

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tttaggggtc gtggatttgg gacttatctt actttaagta ttgacaacgt gcagcctgag 120
gatgtcgcaa cctattactg tcaacagtct cagactctgt atgtcacctt cggccgtggg 180
accaagctga tgatcagacg aactgtggct gcaccatctg tcttcatctt cccgccatct 240
gatgagcagt tgaaatctgg aactgcctct gttgtgtgcc tgctgaataa cttctatccc 300
agagaggcca aagtacagtg gaagggtgat aacgccctcc aatcgggtaa ctcccaggag 360
agtgtcacag agcaggacag caaggacagc acctacagcc tcagcagcac cctgacgctg 420
```

agcaaagcag actacgagaa acacaaagtc tacgcctgcg aagtcaccca tcagggcctg 480
agctcgccccg tcacaaagag cttcaacagg ggagagtgtt agagggagaa gttcccccca 540
cctgctctca gttccagcct gancacctcc catcctttgg cctctgance tttttccaca 600
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<210> 2813

<211> 318

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (292)..(292)

<223> n=unknown

<400> 2813
aaagatgagc tggaggaccg caataggggt aggtcccctg tggaaaaagg gtcagaggcc 60
aaaggatggg aggggggtcag gctggaactg aggagcaggt gggggcactt ctccctctaa 120
cactctcccc tggtgaagct ctttgtgacg ggcgagctca ggccctgatg ggtgacttcg 180
caggcgtaga ctttgtgttt ctcgtagtct gctttgctca gcgtcagggt gctgctgagg 240
ctgtaggtgc tgtccttgcg gtccctgctc gtgacactct cctgggagtt anccgattgg 300
aggggcgtta tccacctt 318

<210> 2814

<211> 393

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (68)..(70)

<223> n=unknown

<220>

<221> misc_feature

<222> (343)..(353)

<223> n=unknown

<400> 2814

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ggctgctcgg cgactcagca caggctcact cagacccggc ctcttagagg gaagcgcggc 60
gcgggcgngn ggtggggcgg gccgggggag cggggcccga acacctgccg gcctagcggc 120
cgagcagcgg ggatgttttag acgatcttcc agcaatgcga ccgaggctcc cccggctttc 180
ttgcgttggt gccttggcag ggctgggggc ggccagctag gggccccttg cctatgaggt 240
ctgctgaccc agaaactttc ctacgagctt ccagccaagg accaagctga ggccgacttt 300
gggaacggca gcaccgtggt aaataggcac agcctgtcgt ctngcagggt canccgctca 360
gccagtctgt cttcttatcc actcagccgg tcc 393
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<210> 2815

<211> 135

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (18)..(88)

<223> n=unknown

<400> 2815

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atgagtgaat attgtagnaa gcagagacaa tgtgccagat gtttggagng aaaangactt 60
ggctcctgtt ctcttaggan ggacaatnct acacacaatc ccaaatcaca ggctataaga 120
gaggtggcca atcct 135
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<210> 2816

<211> 516

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (356)..(443)

<223> n=unknown

<400> 2816

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ctgggtaaca tgaagaagga tgggagtgag acgtggctgg cgtctctgaa gggccgggttc      60
accatctcca gagacattgc caagaactca ctgtatctgg agatgactac cctgagagtc      120
gaagacacgg ctgtctactt ctgtgcgagg ggcccagact acggtgtccg cgctgattat      180
tttgactatt ggggcaaggg aaccctggtc accgtctcct cagcatcccc gaccagcccc      240
aaggtcttcc cgctgagcct cgacagcacc cccaagatg ggaacgtggg cgtcgcatgc      300
ctggtccagg gcttcttccc ccaggagcca ctcagtgtga cctggagcga aagggnacag      360
aacgtgaccg ccagaaatcc ccacctagcc aggatgcctc cggggacctg tacaccacga      420
gcagccagct gaccctgccg gcnacacagt gccagacgg caagtccgtg acatgccacg      480
tgaagcacta cacgaatccc agccaggatg tgactg                                516
```

<210> 2817

<211> 272

<212> DNA

<213> homo sapiens

<400> 2817

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aggcgggagg ctcagtagca ggtgccgtcc acctccgcca tgacaacaga cacattgaca      60
tgggtggggt taccgcgcaa gcggtcgatg gtcttctgtg tgaaggccag cggcagggcc      120
tcgtggccca ccatgcagga gaaggtgtcc cccttcttcc agtcctcggc tgccacgcgc      180
agtatgctgg tcacagcgaa ggtgggtggg ccctggctgg gctcctgccg ggatgccccaa      240
gtcaggtact tctcgcgggg cagctcctgt ga                                272
```

<210> 2818

<211> 438

<212> DNA

<213> homo sapiens

<400> 2818

cagctaccaa caccacttgt acagccacgg ttccaccaca gccacagtac agctaccacg 60

acatcaatgt ctattccctt gcgggcttgg caccacacat tactctaaat ccaacaattc 120

ccttgtttca ggcccatcca cagttgaagc agtgtgtgcg tcaggcaatt gaacgggctg 180

tccaggagct ggtccatcct gtggtggatc gatcaattaa gattgccatg actacttgtg 240

agcaaatagt caggaaggat ttgcccctgg attcggagga atctcgaatg cgaatagcag 300

ctcatcacat gatgcgtaac ttgacagctg gaatggctat gattacatgc agggaacctt 360

tgctcatgag catatctacc aacttaaaaa acagttttgc ctacgccctt cgtactgctt 420

cccccaaac aaagagaa 438

<210> 2819

<211> 76

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (3)..(63)

<223> n=unknown

<400> 2819

ganattcaca gcatcntnta aatnttggca aagagtnaan aaaatgcatt taaantttgg 60

aangtgcaca cataag 76

<210> 2820

<211> 441

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (24)..(151)

<223> n=unknown

<220>

<221> misc_feature

<222> (254)..(407)

<223> n=unknown

<400> 2820

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cggcatgggg gcgngggggc tccgcgggca gcntggttgc nctgcacccg gacggggccg 120

aggggacctg aaagctgcgg cagancctga ncgcgccgtt ctccagaaga gccccggccg 180

cggctgagtc gcgctccggg tgtggacgga gccggagcct ccccggggct cggtgaggac 240

acagggccca agcncggac cttcaagtct tgaccgancg catccccggc cttctgcnc 300

ccacacctga gtttttgtct gtnggagttt ccgcagtttg ctaagaatcg acatctagag 360

gagtactcac cacttaattg atgatcaata cacgttcctt gaaaganccg taccatgcga 420

tcggtacaga gcatctgcac t 441

<210> 2821

<211> 398

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (30)..(30)

<223> n=unknown

<220>

<221> misc_feature

<222> (244)..(396)

<223> n=unknown

<400> 2821

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aggaaaggaa aaaagcgagg gtccaaggcc gactataccc tcagctccat tagcccccca      120
ggcctccctg acaggcgggg cggacaatcc cagtgagat gctctgtatc gatcgcatgc      180
tatcggttct ttcaaggaac gtgtattgat catcaattaa gtggtgagta ctctctaga      240
tgtngattct tagcaaaactg cggaanctcc tacaganaaa aactcagggtg tgggcgcaga      300
agggccgggg atgcgctcgg tcaagacttg aaggtcgggn gcttggnccc tgtntcctca      360
ccgagcnccg ggnnngetcc ggntccntnn acacnngg      398
```

<210> 2822

<211> 214

<212> DNA

<213> homo sapiens

<400> 2822

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gttacttaca gtagcacaga aatggttagca tatttattta aatagtcttg cagcagagac      60
cctgcgattg taaagtgatt taagtatttc tgggtagtgt ttgtgattta cggatttggt      120
actgaaaaac aaaaaaaatc actactgtga atttactact atgtaacctt gtggtcgtat      180
ttcattataa ataaaataag aattgctctt ctgc      214
```

<210> 2823

<211> 478

<212> DNA

<213> homo sapiens

<400> 2823

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ctcttgctcc ctcgccgggg cggcggtgac tgtgcaccga cgtcggcgcg ggctgcaccg      60
ccgcgtccgc ccgcccggca gcatggccac caccgccacc tgcaccggtt tcaccgacga      120
```

ctaccagctc ttcgaggagc ttggcaaggg tgctttctct gtggtccgca gtgtgtgaag	180
aaaacctcca cgcaggagta cgcagcaaaa atcatcaata ccaagaaatt gtctgcccgg	240
gatcaccaga aactagaacg tgaggctcgg atatgtcgac ttctgaaaca tccaaacatc	300
gtgcgctccc atgacagtat ttctgaagaa gggtttcata cctcgtgttt gaccttgtta	360
ccggcgggga gctgtttgaa gacattgtgg ccagagagta tacagtgaag cagatgccag	420
ccactgtata catcagattc tggagagtgt taaccacatc caccagcatg acatcgtc	478

<210> 2824

<211> 482

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (86)..(86)

<223> n=unknown

<400> 2824

cttgccgggc agcccgggca gagaccatgt ttgacaagac gcggctgccg tacgtggccc	60
tcgatgtgct ctgcgtgttg ctggcntcca tgcctatggc tgttctaaaa ttgggccaaa	120
tatatccatt tcagagagggc tttttctgta aagacaacag catcaactat ccgtaccatg	180
acagtaccgt cacatccact gtctcatcc tagtgggggt tggcttgccc atttcctcta	240
ttattcttgg agaaaccctg tctgtttact gtaacctttt gcactcaaat tcctttatca	300
ggaataacta catagccact atttaciaag ccattggaac ctttttattt ggtgcagctg	360
ctagtcagtc cctgactgac attgccaaagt attcaatagg cagactgcgg cctcacttct	420
tggatgtttg tgatccagat tgggtcaaaaa tcaactgcag cgatgggtac attgaataac	480
ta	482

<210> 2825

<211> 486

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (240)..(240)

<223> n=unknown

<400> 2825

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aggtgggggca ctgttttggg ggaaggcttg gagttttttt aatgagttta gagctattag      60
ataaccactg agttaaggt aactatgtac acacaaagtg tgcaccaag aggcataagca      120
gcagcagaag tcttttaaagg cttgtacacc aggaagaaag atgcctcctc ttgccttgtg      180
gcaatcattt tccttttagaa aacaggccag cttcacctgg gcaccctgct gcctttcaan      240
gctggtgatt gtcggatag tgattcccag ttgttggtgt ttcatgcaga gttgtatgag      300
agtcctcctc ttttctttct ttaaaagaag ttctttcttt gaagaaatcc gatacatata      360
cagcaactaa tattgcaacc agagctccct gaatgagtcc agtcaacaca tcgctccagt      420
ggtgtttata atcagaaact cgagaaaggc ccacataaat ggatacggca acaagaccaa      480
attgca                                         486
```

<210> 2826

<211> 486

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (13)..(13)

<223> n=unknown

<220>

<221> misc_feature

<222> (260)..(289)

<223> n=unknown

<220>

<221> misc_feature

<222> (480)..(480)

<223> n=unknown

<400> 2826

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cacagccgaa ggnaaagcag caggttgggg cttcttgtgg ccaacttcag agcctgtcac      60
caggaaaggt aagcatggga ggaaggaaga tggcgacaga tgaagaaaat gtctatgggt      120
tagaagagaa cgctcagtc cggcaggagt ccacgcggag gctcatcctt gttgggagaa      180
caggggccgg gaagagcgcc actgggaaca gcacccctggg ccagagacgg ttcttctcca      240
ggctggggggc cagctctgt accagggcct gcaccacggg cagccgcang tgggacaagt      300
gccacgtgga agtcgtggac actccggaca ttttcagctc ccaagtgtcc aagacagatc      360
ctggctgtga ggagagaggt cactgctacc tgetctcggc ccccgaccc caccgcgtgc      420
tcctggtgac ccagttgggt cgggttcaccg cccaggacca gcaggcgggtg aggcagtgan      480
ggacat                                           486
```

<210> 2827

<211> 395

<212> DNA

<213> homo sapiens

<400> 2827

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cagcgagcac atgaagcgg tcttcgtgaa ctttgtgggt gggcaggatc cgggctcaga      60
cgtcgccttc cacttcaatc cgcggtttga cggctgggac aagggtggtc tcaacacgtt      120
gcagggcggg aagtggggca gcgaggagag gaagaggagc atgcccttag tacgggcacc      180
ggcttcccct acagatgggc acccacctgc aagtggatgg ggatctgcaa cttcaatcaa      240
tcaacttcat cggaggccag cccctccggc cccagggacc cccgatgatg ccaccttacc      300
ctggtcccgg acattgccat caacagctga acagcctgcc caccatggaa ggacccccaa      360
ccttcaacct gcctgtgcca tatttcggga ggctg                                           395
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<210> 2828

<211> 435
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (408)..(408)
<223> n=unknown

<400> 2828
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gtgacatcac cctggatttc caatgtgtcc accctctgga aggccgagag gcgatgggca 120
aagtcaaaga ggtgctggcc attggcgtaa accttgaagc gatccaagcc acagcgaatg 180
gacagatcaa agaactgtcc gggaccaaatt gggttgtggg tgatcttctt ctctctggat 240
ccccacgagc cattcagaag gctgttccgg accacggtac cgttgcccat gcggggatta 300
atgtgcagag ctatgtcccc tgaggagccc accttgaagt tgatagcaaa gctcttgcct 360
gtgggaggca catagccctt gatgatgatg gttcttcgag ctgtgagncc tccttgcagc 420
ctcccgaat atggc 435

<210> 2829
<211> 354
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (354)..(354)
<223> n=unknown

<400> 2829
gattggggga ctggtgttcg ctgtggctct cttctcggtt gggatcctcc ttatcctaag 60
tcgcaggtgc aagtgcagtt tcaatcagaa gccccgcaac agagccccag aaagcagaga 120

actgaagtgc agccatcagg tggaagcctc tggaacctga ggcggctgct tgaacctttg	180
gatgcaaattg tcgatgctta agaaaaccgg ccacttcagc aacagccctt tccccaggag	240
aagccaagaa cttgtgtgtc cccacccta tcccctctaa caccattcct ccacctgatg	300
atgcaactaa cattgcctcc ccactgcagc ctgcggctct gcccacctcc cgtn	354

<210> 2830

<211> 475

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (93)..(93)

<223> n=unknown

<400> 2830

ttgttgagga tagatcacga tacagagaac agcaatgggt cacagcgcac ggtttggttg	60
gtttccgcgg gaacacagag gacaggaggt gcnggatctg ggttgagttc ccactctcgt	120
tatgaccttc aacctctcac tgttcccaag ggctgcacgg agcctgctga gtctccaacc	180
cacctcgctc accgctctga ccaccgacag gcagagcaaa ggatgcggga gttgcctctg	240
ctgcccattc aaggggacgt aggcagagaa gcaaaggcct ctgctctccc tccatccatc	300
ccggtgtgct ggccccaacg gaacaggagt ccttcaacta ttgcctgcca gagaccaat	360
tgcagggact gtagtctgca tctggatgag ctgggctgta gattgaagtc tcagaagcag	420
ggaagggttg aaggggtagg gtcccagagc ccatggagtt attgctgaga agata	475

<210> 2831

<211> 227

<212> DNA

<213> homo sapiens

<400> 2831

gctcctgctg ccctgtgggt gtgccaagtg tgcccagggc tgcattctgca aaggggcatc	60
ggagaagtgc agctgctgcg cctgatgtcg ggacagccct gctcccaagt acaaatagag	120

tgaccgtaa aatccaggat tttttgtttt ttgctacaat cttgaccctt ttgctacatt 180
 cctttttttt tgtgaaatat gtgaataata attaaacact tagactt 227

<210> 2832

<211> 198

<212> DNA

<213> homo sapiens

<400> 2832

cagaaaaaaa ggaatgtagc aaaggggtca agattgtagc aaaaaacaaa aaatcctgga 60
 ttttacgggt cactctatct gtacttggga gcagggtgt cccgacatca ggcgcacagc 120
 tgcacttctc cgatgccctt ttgcagatgc agccctgggc acacttggca cagcccacag 180
 ggcagcagga gcctcgag 198

<210> 2833

<211> 460

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (99)..(99)

<223> n=unknown

<400> 2833

ggcgcgaggt ggctgccctg cgcggggaca ctgagagccc ggtggggcggg aggaaggcgg 60
 catgccccag acggtgatcc tcccgggccc tgcgccctng ggcttcagga tctcaggggg 120
 catagacttc aaccagcctt tggatcatcac caggattaca ccaggaagca aggcggcagt 180
 gccaacctgt gtcttgagga tgtcatcctg gctattgacg gctttgggac agagtccatg 240
 actcatgctg atgcgcagga caggattaaa gcagcagctc accagctgtg tctcaaaatt 300
 gacaggggag aaactcactt atggtctcca caagtatctg aagatgggaa agcccatcct 360
 ttcaaaatca acttagaata agaaccacag gaattcaaac ccattggtac cgcgcacaac 420

agaagggcc agccttttgt tgcagctgca aacattgatg

460

<210> 2834

<211> 425

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (342)..(342)

<223> n=unknown

<400> 2834

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acatacagac aactgcagat tatgtagaa tacaagattg ttatttgcta ttaccacaa 120

ttgcaaaatc aacttgtaa ggaaagacaa ttagagtcct tcaaatatct tgatgtttat 180

gtgtttgatg gctgtaatat acatgtaa tgtggagtat gacatacaaa aaattattgc 240

tttaaatatc attattgcta gccccaaaa gagttgcaa acatagctaa gtgtatgttt 300

ttttcacata gcaggcattt gcctccatt ccttttctc antaaacaat aggataaagg 360

tctaaagcct tgactttaga tttggagttg acaatctgca caatccttct gcccaaagcc 420

atgaa 425

<210> 2835

<211> 306

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (301)..(301)

<223> n=unknown

<400> 2835
gaagagttct aagttttcta aaccttaact gttccttaag gatttttagcc agtatttttaa 60
tagaacatga ttaatgaaag tgacaaatth taaattttct ctaatagtcc tcatcataaa 120
ctttttaag gaaaataagc aaactaaaaa gaacattggt ttagataaat acttatactt 180
tgcaaagtca aaaatggctt gatttttgga aacaatatag aggtattcat atttaaata 240
gggtttacca tttgttttgt tttgtaaccg ttaaaaagaa gttgtttccc agctaattat 300
ngtggt 306

<210> 2836

<211> 460

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (429)..(460)

<223> n=unknown

<400> 2836
aaaaaacaca gttgttttca gcatttccta gctacagtag tgcataaggaa attccattct 60
aaacaaagaa gtaattaatg aaataacaac acaccttaac attttacatt gatagggttac 120
agttttacaag gtgctttcac atacattatt tcatttgatt cttacaacaa gcagaaaaaa 180
cagtgggaaa gatttttttt ttcaggctta caatgagtat tttcaggcca atgggcagtt 240
aacacaagaa tataccaaga atgagacagc aatacccata agccacaata tcgttttttg 300
taggttgaca gtttgattca actgggtatt cagcatcggt gagtgagaaa ggaattagga 360
cagacaccaa ggctcttatg atattcaaata aattttaaga acactgtcag agattagaaa 420
gaaagatgnc ccnaaatata ttgncttatt ggggcntacn 460

<210> 2837

<211> 249

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (33)..(81)

<223> n=unknown

<400> 2837

cttgagcggc atccgtggag tgcgcctgcg canttacgac cgcagcagga aagcgccgcc 60

ggccaggccc agctgtggcc ngacagggac tggaagagag gacgcggtcg agtaggtttt 120

aaaacatgaa tcctacactc atccttgctg ccttttgcct ggaattgcc tcagctactc 180

taacatttga tcacagttta gaggcacagt ggaccaagtg gaaggcgatg cacaacagat 240

tatacgga 249

<210> 2838

<211> 255

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (4)..(213)

<223> n=unknown

<400> 2838

gctnatcaan gtcaggcttc gntaagtaag tggctctgaa ntaactgcag gtccagcnag 60

ctcagggtcaa gtccatattt ctcattaatg ggnccangct gaagggcnag ctgcttccca 120

gnggnanntn ttctcatgca catggcagag cangataaca tncccnagtn cnnangcata 180

tntcaanccc ctgtttgngt tatgtctgct aanatcccat tggtaaaga caaacacaat 240

gccagcctt acagg 255

<210> 2839

<211> 402

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (7)..(393)

<223> n=unknown

<400> 2839

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ccgagantcn nggacgtggc ngngaggggn cctgtaaatc tccagatacc aaanctggaa 60
gggcgtggag tcttctccag ttctcctagt ttacagatgt tgtgacctag gcttacaatg 120
ggcctggggg ctgaaagcgg gacntgngcn gcnnnggtca aanagcnggt ttggtggang 180
tcagcgccac agcgcgccgt gccaggnagn ctttattctg cgcctccgtc tgtntctnac 240
gtttgaactc agagatnang cgtccgtagg agttagccag agccacagtg tacgccatca 300
ggatgctcga gatnagcana atgggcacag caaaancctg ggtccccagg aanaagacga 360
aattctnggt ggtctcangg nggctggaaa tanactcatg ga 402
```

<210> 2840

<211> 444

<212> DNA

<213> homo sapiens

<400> 2840

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gaaacccttt tccattgagg aggtggaggt tgcacctcct aaggcccatg aagttcgtat 60
taagatggtg gctgtaggaa tctgtggcac agatgaccac gtggttagtg gtaccatggt 120
gaccccaactt cctgtgattt taggccatga ggcagccggc atcgtggaga gtgttgga 180
aggggtgact acagtcaaac caggtgataa agtcatccca ctcgctattc ctcagtgtgg 240
aaaatgcaga atttgtaaaa acccgagag caactactgc ttgaaaaacg atgtaagcaa 300
tcctcagggg accctgcagg atggcaccag caggttcacc tgcaggagga agcccatcca 360
ccacttcctt ggcatcagca ccttctcaca gtacacagtg gtggatgaaa atgcagtagc 420
caaaattgat gcagcctcgc ctct 444
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<210> 2841
 <211> 529
 <212> DNA
 <213> homo sapiens

<220>
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 <222> (188)..(188)
 <223> n=unknown

<220>
 <221> misc_feature
 <222> (463)..(463)
 <223> n=unknown

<400> 2841
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 aattttacat caatttccat ttctttggaa agccccaaa tgtaatttat tgataaaatc 120
 tgtgatgagc agaattaatg atatttccca gctgttgctc cagatcatgt agggtagagg 180
 aggctganga ctgccacaag ggaaaacatc tgtattgtct caaaacatca gaatggtacg 240
 gatacttttc ccagagtgaag gcaggtcaaa tccttcattt attttttcaa aaggtaaaac 300
 atgggttatt aatgcatcca atgaaaactt cttagccata aaatcagcca caagttttgg 360
 gacacattct ttacttttaa agccaccaag aatagctccc ttccaggtac gtccagtcag 420
 tagcagcata gggttcattg agaggtttgg gatcaggagg tanccttacg atgacacttg 480
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<210> 2842
 <211> 411
 <212> DNA
 <213> homo sapiens

<220>

<221> misc_feature

<222> (276)..(371)

<223> n=unknown

<400> 2842

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tcaatccaca tttacaaaga tgcatttttt tcttttttga taaaaaagca aataatattg      120
ccttcagatt atttcttcaa aatataacac atatctagat ttttctgctc gcatgatatt      180
caggtttcag gaatgagcct tgtaatataa ctggctgtgc agctctgctt ctctttcctg      240
taagttcagc atgggtgtgc cttcatacaa taatantttt cnccttgtct ccaactaata      300
taaaangntt tgccaaatct tacaatttgg aaagtaaaaa ttaaaccaga gtgatcaagt      360
aaaccatac nctatctcta agtaacggaa gggagctatt ggggctggta a      411
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<210> 2843

<211> 504

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (231)..(257)

<223> n=unknown

<220>

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<222> (479)..(479)

<223> n=unknown

<400> 2843

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tggatttcaa aaaacaattt ttattgaaaa gattaaatag gtaacttttg gctgtgtcac      120
```

aaagctaagc acaatggata aattaacaat tgttcagtaa atttgatcat tatagatgat	180
tgactttgat aattcagttt ttcagagttt tctgacttca aatgtagggg nnnnnnnnnn	240
nnnnnnnnnn nnnnnnttc cctgaattac ctgggtaatt ttctcagttc tccagtctac	300
tttctagata tagcttaaatt gttatgatga agcattaatt ttctcagttaa gttataaacc	360
cccccaaaag tggctttaag ttgaaattc tccctctcaa atcttttagt gtctcaaaaa	420
caccacatt actataactt gggcagtact ttttattata taattgctgc ataataggna	480
cttaatggta taatagggt atgt	504

<210> 2844

<211> 427

<212> DNA

<213> homo sapiens

<400> 2844

gccagtaact ttcacatgta gagtggctgg aaatccaaag ccaaagatct attggtttaa	60
agatgggaag cagatctctc caaagagtga tcactacacc attcaaagag atctcgatgg	120
gacctgctcc ctccatacca cagcctccac cctagatgat gatgggaatt atacaattat	180
ggctgcaaac cctcagggcc gcatcagttg tactggacgg ctaatggtag aggctgtcaa	240
ccaaagaggt cgaagtcctc ggtctccctc aggccatcct catgtcagaa ggctcggtc	300
tagatcaagg gacagtggag acgaaaatga accaattcag gagcgattct tcagacctca	360
cttcttgacg gctcctggag atctgactgt tcaagaagga aaactctgca gatggactgc	420
aaagtca	427

<210> 2845

<211> 130

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (3)..(101)

<223> n=unknown

<400> 2845
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 tggattacag gccctnnnnn acnnntttgg cngtattcag ngtcacgtga gatggggttg 120
 cctcagggtg 130

<210> 2846

<211> 415

<212> DNA

<213> homo sapiens

<400> 2846
 ctggagtggc agtgggtccc aaggctctct cctccaacat gtgcatctgc catctgctct 60
 gcagtcctgc cgcaggatcc cctagtgaag cagctcaggc ctgggggagc gtgtgtatcc 120
 cagctgtgcc ggcagcatca taccaatcgt gggggtggtg aaggagccag ggggttcattc 180
 atgggttggtt tctgatcagg catcttgga atggataatg gaggcagccg ctttcaggac 240
 aggcattgtcc aggggtctct cccagcctct acccccgaag tctcttcccc aagtgacccc 300
 cagtgatgtt tccattgaga tgcgctcctg gctatggcag gcacttctca acttatatgt 360
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<210> 2847

<211> 466

<212> DNA

<213> homo sapiens

<400> 2847
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 gatgaccag tctccagact ccctggctgt gtctctgggc gagagggcca ccatcacctg 120
 caagtccagc cagagtgttt tctacaactc caacaataag aactacttag tttggtacca 180
 gcaaagacca ggacagcctc ctaaaatgct catttactgg gcactctacc gggaatccgg 240
 ggtccctgac cgattcagtg gcagcgggtc tgggacagat ttcactctca ccatcagcag 300
 cctgcaggct gaagatgtgg cactttatta ctgtcagcaa tattttacta ctccgtacac 360
 ttttgccag gggaccaggc tggagatcaa acgaactgtg gctgcacat ctgtcttcat 420

cttcccgcca tctgatgagc agttgaaatc tggaaactgcc tctggt

466

<210> 2848

<211> 461

<212> ' DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (421)..(421)

<223> n=unknown

<400> 2848

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aaaggatggg aggggggtcag gctggaactg aggagcaggt gggggcactt ctccctctaa 120

cactctcccc tggtgaagct ctttgtgacg ggcgagctca ggccctgatg ggtgacttcg 180

caggcgtaga ctttgtgttt ctcgtagtct gctttgctca gcgtcagggt gctgctgagg 240

ctgtaggtgc tgccttgct gtccctgctct gtgacactct cctgggagtt acccgattgg 300

agggcgttat ccaccttcca ctgtactttg gcctctctgg gatagaagtt attcagcagg 360

cacacaacag aggcagttcc agatttcaac tgctcatcag atggcgggaa gatgaagaca 420

nattgtgcaa ccacaattcg tttgatctcc agcctgggtcc c 461

<210> 2849

<211> 484

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (436)..(436)

<223> n=unknown

<400> 2849
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ttagagtcaa cagaaacaat ctggagttgt cgacaccact taaaatagaa accatctccc 120
atgaagacct tcaaagacaa cttgccgtct tggacaaagc aatgaaagca aaagtggcca 180
catacctggg tggccttcca gatgttccat tcagtgccac accagtgaat gccttttata 240
atggctgcat ggaagtgaat attaatggtg tacagttgga tctggatgaa gccatttcta 300
aacataatga tattagagct cactcatgtc catcagtttg gaaaaagaca aagaattctt 360
aaggcatctt ttctctgctt ataatacctt ttccttgtgt gtaattatàc ttatgtttca 420
ataacagctg aagggnttta ttacaatgt gcagtctttg attattttgt ggtctttccc 480
tggg 484

<210> 2850

<211> 185

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (25)..(175)

<223> n=unknown

<400> 2850
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caaacgtgat aaaactgccca ccttnanatn cntcanagta ncagcaggca cnnggnaatc 120
ttanctcnnt anntcnttga ttacaatgat angntnttca ctatatncct ctntngttgt 180
ccctt 185

<210> 2851

<211> 298

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (141)..(266)

<223> n=unknown

<400> 2851

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atttaagacc tttattaaca ggtgcttgca gtttcctgtg cctagggtta aaacttgct 60
cctttcaaac tcatgtctctt ttccctacc tacccttacc aaaagcattt tccagaggga 120
accatggaaa cccagcgca nttctcttcc tctgtctant ctggntccca natacctccg 180
gngaaattnt gttnacgcag ctccaggcac cctgtctttg tctccagggg aaagagccac 240
ccthtcctgc agggccagtc agagtnttag cagcaggtag ttagcctggt accagcag 298
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<210> 2852

<211> 429

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (17)..(339)

<223> n=unknown

<400> 2852

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gtangtcccc tgtggnaaaa nggtcagagg ccaaaggatt ggaggggggc aggctggaac 120
tgangagcan gtgggggcac ttctccctct aacactctcc cctggtgaag ctctttgtga 180
cgggcgagct caggccctga tgggtnactt cgcangcgta gagtttgtgt ttctcgtagt 240
ctgctttgct cagcgtcang gtgctgctga ggctgtaggt gctgtccttg ctgtcctgct 300
ctgtgacact ctctgggag ttacccgatt tgagggcgnt atccaccttc cactgtactt 360
tggcctctct gggatagaag ttattcagca ggcacacaac agaggcagtt ccagatttca 420
actgctcat 429
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<210> 2853
<211> 274
<212> DNA
<213> homo sapiens

<400> 2853
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gagaaatcat tggtttgaga gtcaagagag cattgggttg ggagctttta tctcttttct 120
gcttcacact aagtgtgtca tcttggttaa atcacttggt ctttctgcat ttgttttct 180
tatttatagg atgaggaaat tagattaaat ggttttgagg tcttttcttg ttctgatatg 240
tccagtactc actggaaaaa ttggatctat aact 274

<210> 2854
<211> 623
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (98)..(98)
<223> n=unknown

<220>
<221> misc_feature
<222> (205)..(250)
<223> n=unknown

<220>
<221> misc_feature
<222> (494)..(574)
<223> n=unknown

<400> 2854
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 ctttactcaa aacatattgt ttagaccac atcatggntt tcttggtgga aacctggatg 120
 ggactaggaa aacacatggt ccaacatggt gcatactgt tgtgcagata tcagacaaga 180
 ttaatcctgt ctaacttatg cgtantgttt gatgtttgcc tgtggntatt ctgggcacag 240
 caatggtn gn cattattgaa aatgaacttt attggcagat gaaagataat agaacatgaa 300
 gatttatgaa ctaccataag ctctgcatct ctgggtcttc atttccaaag cagcacttgg 360
 aaaaccaagc ccagttcagg caaagagtcc tttcttctca ccagcacttg aaatgggtcca 420
 gaatatacct gatgtcacac caacttcctc atccaacttc tgaaatgaaa aggtcattcc 480
 ccaatgggtg ctanactttt tccaagangg acttnccctt tcttaaaatt ctgaaaaatt 540
 cctttccatt tcatacactg gaacctgact tcantttcta ataaataatt ttatcatctc 600
 tatcatccag aatttcttct tct 623

<210> 2855

<211> 473

<212> DNA

<213> homo sapiens

<400> 2855
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 cttctgaaat aaggatatat tatatgagtt tttatttgat ttgtggtctt tagtcatagg 120
 taatcaaaaa taaagagatt tgaatgcaaa actttatata ttaatgtaca tttctaataga 180
 tggatcaaat tgccacttta taataaaaaa gaaacaggtg ggaataataa tcaaagcacg 240
 tgttccttca gtactttggt gatttttaat ccccttgtg atgcacagga aattattttt 300
 tagttacaaa aagttatctt agaaatctat acttcccaat acagatttca tgttaagtca 360
 tatcaaattg agaatttgtg gtgaaagaat aggaaaagg atgctagatg ctgatctttc 420
 tttttcaggg atttttcccg ggaggcccaa gttaaaaatt ccatacttaa atc 473

<210> 2856

<211> 219

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (77)..(86)

<223> n=unknown

<400> 2856

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gaagaagacc gtgttactgc agaacctgcc aagtctgtca tcactgtggg gtgtagcctg      60
cctcagaggg acctgcnatc accncnctga gctcagtggg attttgagaa tttaatgttt      120
aactgtaccc ctttcctca ggaagattta acatttgctt ggaatgtga ttttgctccc      180
accctaagga atttttatca ccaaaatgaa tgtaatatga      219
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<210> 2857

<211> 178

<212> DNA

<213> homo sapiens

<400> 2857

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ggagcaaat cacattccca agcaaatgtt aaatcttctt gagggaaagg ggtacagtta      60
aacattaaat tctcaaaata ccactgagct cagagaggtg attgcaggtc cctctgaggc      120
aggctacacc ccacagtgat gacagacttg gcaggttctg cagtaacacg gtcttctt      178
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<210> 2858

<211> 382

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (132)..(132)

<223> n=unknown

<220>

<221> misc_feature

<222> (248)..(335)

<223> n=unknown

<400> 2858

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cccatctgcc tcagtgaag ccaggtttct gaggaacaag aagagatggg agggcaaagc      120
agcgcgcccc angccacggc cagtgtgaat gcagaggaga tcaaggtagc ccgtattcat      180
gagtgtcagt ggggtggtgga ggatgctcca aacccggatg tctgctgtc acacaaagat      240
gacgtgangn agggagaagg tggtcaggag agtttcccag agctgccctc agaggagtga      300
aagggacaat ttggctgaag tctttctctg aaaaanagcca aagggttata ggggtacact      360
taggggttgc atgcaagctg tt                                         382
```

<210> 2859

<211> 586

<212> DNA

<213> homo sapiens

<400> 2859

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aatgtttgtt taattgacgg gttttaagct cgataactta gctaagccct ttgcacagtc      60
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tgaatttcct gcaaattgtga ttaattaata agaatcatca agattaatta ataagaaatt      180
gatagcagga tgagtaacag gccagacag tcccacagat cacaccttcc accctccatt      240
tccgcttagc ttctcttgaa tctattgggc atgattgcct ctgtgggggc tacagccagc      300
acgggtgact gttcatgacc taccctctct tgcagtctga ctgtgggaaa atgccgagtc      360
cttaagagat ggtgaagtag gcatagtaga tagtaaaggt agacttacag tatacatttg      420
cattctcaaa caaaattaaa aagccttaaa gtgcacaaga agattgcaca attgaaaagt      480
gcagagtata ctcaaaactg tcactctact gttttctcag tcttccttgg caatactatt      540
ccctctcag acatcctcag ctccctctca cccaagtat gccatt                                         586
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<210> 2860
 <211> 143
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (141)..(141)
 <223> n=unknown

<400> 2860
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 agctaaatcc ccagaaaaag ctccactggg aggagtgata ctagtccacc ttattattcc 120
 aggtcttaat gaaactactg naa 143

<210> 2861
 <211> 372
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (17)..(361)
 <223> n=unknown

<400> 2861
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 gananaattg caacaacgtg gcnccctgttc atgcnaanca caaaaaacat ttncaataaa 120
 actttgtact atctttactt aaacatctga acagcatctc aatatgtacc ttattctatt 180
 ctatagagta cagttattaa taacttttag nccccgtgc tgataatttt aacatctcna 240
 gcagttctgg nttgactttg attgaacagt ttctcctcat tatgggtcct atggncctgc 300
 cnacttngca ttctgntaa cttctgattg ggtgccagac agcaagactt ttacnngant 360

nggtgccgga ca

372

<210> 2862

<211> 313

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (29)..(311)

<223> n=unknown

<400> 2862

caatttaaacc accagtcctcg aaatttggnct cttccttctn ttngaattctc tcaaacggca 60

acattcctca gaaaccaaag ctttatttca aatctcttcc ntccctggct ggttccatct 120

agtaccagag gcctnttttn ctgaagaant ncaatcctng ccctcatttt aattatgtac 180

atctgtttgt agccacaagc ctgaatttnt cagtgttng taagtttntt tacctaccc 240

tcaantatat atnattctcn gagnttaaaa cccataaagg agtgnttttag accagtcant 300

taattttcaa nct 313

<210> 2863

<211> 423

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (86)..(86)

<223> n=unknown

<220>

<221> misc_feature

<222> (230)..(420)

<223> n=unknown

<400> 2863

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atccagggttc agggccttca gggggntctt ttcattttct cccacaggcc tctctttctt     120
tctaggttgc tggggagaaa tgggtaccct atgatcccc tccccttctc ctccagtaaa     180
tacctggaag agggaacctg aatccctggg ggagacagaa ggggcagggn gcaccagcct     240
ccccttcttg tggtgagact gaatttgggc tcagacacca gcaanagcct cttgggatgc     300
cctgagttgc ttcccanttc ctctttctag ccgtcctttt cnagtgtgtg ctcagtcttc     360
ctagganctt ttaagacttn ttggtactat gaaataggtc tcccctnaac ccaactctan     420
gtt                                                                    423
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<210> 2864

<211> 648

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (138)..(312)

<223> n=unknown

<220>

<221> misc_feature

<222> (415)..(621)

<223> n=unknown

<400> 2864

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cacatacaca ggcattgccac atgacccagt tgaggtggtt gtctccttga gtctgttgac     120
acgtcacatg gtcaaagnct cctcatttca nncagtctca acacaaaaca cccaacangg     180
```

atgcactcaa cttgttnggt tccatgtggn actaggtggc agggcgagag ggaaagtagt	240
acaagggggc tatggtgtgt cttcattcag tcccctcaca taaagcacat ggattagggg	300
ggtatccaag antcttgtgg ggtccgtggt gcacctaaga cattataggt cagagcaagt	360
tgtcagaggg ttccaggcag ggggcttggg acaaggcata ctctaaaaca gcacnaaact	420
tgcattcata cacnggtgcc cctgcttggg ggctaagact ggcaaaangc tggaaagaca	480
acccaagctt gaaagggaac caactcaaga cttacttggg ggaataactt ggaagtcact	540
gtttgatgtn actggggact cactctagna acggggtccc tctgacaagt tttggcaaag	600
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<210> 2865

<211> 552

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (263)..(263)

<223> n=unknown

<220>

<221> misc_feature

<222> (364)..(364)

<223> n=unknown

<400> 2865

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cccagcagat agtttaccat gggctgggtc cccaactggg ggaatctggt gactcagaga	180
gcactgtgca cggagagggc tcagcagatg tgcaccaggc cactcacagt catacctcgg	240
gtagacaaac cgttatgact ganaagagca ccttccaaag tgctgtttct gaatctcccc	300
aggaggatag tgcaggggac acatcagggg cagaaatgac atcgggtggt agcagatcct	360
ttangcacat tcgactaggt cctacagaaa cggaaacctc tgaacacatt gccatccgtg	420

gacccgtgtc cagaacattt gtgcttgctg gttcagcggg ctccctgagc taggcaatta 480
gcagacagca gcagaacgct aaggcacatt gcaccagggc ccaaagaaat tcgttacttt 540
cagatgggtg tg 552

<210> 2866

<211> 548

<212> DNA

<213> homo sapiens

<400> 2866

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gtgagtactg ttttgtctca gtaacaataa atacaaaaag actgggtgtg ttccggcccc 180
atccaaccac gaagttgatt tctcttgtgt gcagagtgtg tgattttaaa ggacatggag 240
cttgtcacia tgtcacaatg tcacagtgtg aagggcacac tctctccgc gtgattcaca 300
tttagcaacc aacaatagct catgagtcca tacttgtaaa tacttttggc agaatacttc 360
ttgaaacttg cagatgataa ttaagatcca agatatttcc caaagtaaat agaagtgggt 420
cataatatta attacctgtt cacatcagct tccatttaca agtcatgagc ccagacactg 480
acatcaaaac tgagcccact tagactcctc accaccagtc tggtcctgtc atcagacagg 540
aggctgtc 548

<210> 2867

<211> 451

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (252) .. (427)

<223> n=unknown

<400> 2867

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gtattggatt cacatattct aaaaatgctc gtcatttgtg gctaatttta tcaagtctag      60
tttaatctca tattttacaga gtttagttaa ttctaattag ctttgttgga ggtcataaac      120
cacattatta accttgaacc gactctgtgt ttacttgagt tcctctgcat aatagcatgt      180
caccaccatc ataaacatgt tggatttgca ttatgcttct agaggagaca tccaccaata      240
tttgaaaatc tnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnngcctttt aaaaaaaga      360
aaganaatag agaaaatctt aacttatatt tacttactgt atgttgtgat tagtttaata      420
gaaggnggtt aatccttaat aattaagtta g                                         451

```

<210> 2868

<211> 313

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (16)..(189)

<223> n=unknown

<220>

<221> misc_feature

<222> (295)..(295)

<223> n=unknown

<400> 2868

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agaaggctga ggaggngcgg gacgaggaag aggacaaacn gnggaagggg gaagaagtca      60
cgcccatctc ggccatccgg cacgagggaa agactgacag tnagcgcacg gacaccgcag      120
ccgacgggga gaccaccgcc actgaggagc tagaaaaaac tcaagatgac ctgatgaaac      180
ntcnaaccna cattagcgag ctgaaaagaa ccttcttaga aacctcaaca gacactgccg      240
taacgaatga atgggagaag aggtttccac ctccccctg cgactggccg ccagnaggag      300
gatgccccca tga                                                                313

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<210> 2869
<211> 524
<212> DNA
<213> homo sapiens

<400> 2869
acattcacca tggggctgtg atgcaggtga tcgtgtaatg gagaatctct ctttttgaag 60
gctatttata actaacacta aatagtttta attacagtgg aaattctgta cagtttaagg 120
cttggctctg aactagaatg taaatatgga ccagatttga aaataaaaca ctttcttttc 180
aagtaaaaga agaaaaatca attaaaaaat acacggcacg gaaaaagtaa ctaagaaaac 240
aaagccacag gaagcccagc agtttctcct gaagtgaaat ttcataatat tgtaaaactaa 300
caaaaataca ggttttcttc ccaaaataat gacaatttaa gctctctgga ttgaacacag 360
accaaagcaa acaacaagga agaaatcgca ttaatatgct aaaatcagta ctaccttata 420
acaaattaaa tgagatacac aaagcaagat tgggaagcct ttacatattt tcccagaggg 480
tcagagagtc attactgggt atgggggtgga gagtaattaa aacc 524

<210> 2870
<211> 470
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (114)..(114)
<223> n=unknown

<220>
<221> misc_feature
<222> (391)..(391)
<223> n=unknown

<400> 2870

atttacatat ggtaaatagat gaacttttaa aatgtgtcca ggtgtagat gagttcatta	60
gactctttta atgctaattg ctagtacgtt taaacaaaac agcagttctt cctngctgca	120
atattcccat tgaccactta aatgaccata agtggtcatt taagaacatg ttagggtag	180
ccctgatctg aatataaaag tgagaaaagg gctacagtgc atttcttggg aacttaaact	240
gagtcttgaa gttataatga tccattcgag ttctgtgatc cttattgttc ttaattgtgt	300
ttctctacgt attggttacag atgagccata cgtttctttg tatcaatgta gacatgactt	360
cagatactct gaggactacc cagcagtcta ngaccctggg gccaaagtgt gggactatgg	420
gactaaatcc agtagatggg ctgtgtagca actctcccag gggacacact	470

<210> 2871

<211> 444

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (123)..(123)

<223> n=unknown

<220>

<221> misc_feature

<222> (289)..(439)

<223> n=unknown

<400> 2871

tcaacaccac tcaatgatct aacagcttcc taaatccaac ttcattcttt ttgcagttta	60
agcccagttt caaataaggc atcactggga tggataaaga aaacactgag atgggggata	120
ganacattaa aaagcagaaa aactaagcaa aatctaaatc ctgtcaattg gatgtttacc	180
atttcacact gaaatctttc cctgaataga ccagggacat cactgcctcc tgctcagatc	240
tcaaagcttc aacatgctcc acaaagcacc tcctaagta ccctagtngg ttcccnggga	300
gagttgctac acagcccata tactggatnt agtaccatag tcccngcact tggccccagg	360
gtcctngact gctgggtagg tccctcagng tatctgaagt cangtctaca ttgntacaaa	420

gaaacgtatg ggctcatcng taac

444

<210> 2872

<211> 441

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (382)..(382)

<223> n=unknown

<400> 2872

caggcagttg tagccggggg cegtgttctc acaccggtgc tctccattgt gggtgaagca 60
ggcatcaggc acttctttgc actatggagg aaataagagc gtgcatcatg tttagaagtc 120
actgccataa ggaagcgaat gcacagggtta gctgctttcc tagatccaga aactcggagc 180
cccatcagtt cctcacctca tcaacatctg tgcactggat gccatttcca ctgtaaccag 240
ggggacaagc accacatttc cagctgccat cagggtagct agtacacttc acgccggcaa 300
agcagggatt ggacaggcat ccatctgaga caaggagaga gagacagtca cagtaaattgg 360
ttgggtctaag ctgccatact gnccatgctg ggcattaaca cagtgtgaaga tattataggg 420
tatagggaac cgataacttg t 441

<210> 2873

<211> 429

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (245)..(245)

<223> n=unknown

<220>

<221> misc_feature

<222> (389)..(389)

<223> n=unknown

<400> 2873

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actccctgct gttcgacccc ctgtcctcct ccagcagcaa caaggagcgg gtggtcactg     120
tgattgctca tgagctggcc caccagtggg tcgggaacct ggtgaccata gagtgggtga     180
atgacctgtg gctgaacgag ggcttcgcct cctacgtgga gtacctgggt gctgactatg     240
cgganccacc tggaacttga aagacctcat ggtgctgaat gatgtgtacc gcgtgatggc     300
agtggatgca ctggcctcct cccaaccgct gtccacaacc gcctcggaga tcaaacacgcc     360
ggccccagat cagtgaagctg tttgacgcna tctcctaaca gcaaaggcgc ctcagtctca     420
ggatgtctc                                     429
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<210> 2874

<211> 556

<212> DNA

<213> homo sapiens

<400> 2874

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caatttcatt gttgtagca tatctatttc tccatacatt gtaaaactgt aatccttagg      60
tatttctaaa acataaagag gagaattaag tcagctgcag aacaatgggg ctgattcttc     120
tgctttttct ctggaaaatc tttcattgct tttggtggaa atttacctag aggttacaac     180
cacaggatgt agcttgggtc cttatttgcc tttttgggaa accaattaag attaatacag     240
gataaaggaa aaaagcaatc tattcattat ataacacagt tgtttgtatt acttgttccc     300
tgcaaaggaa atctgttgaa tgcttgcatt ttgaattctt ttctaataga acaacaaaaa     360
aaggcttctt atggtgcagc aggaaaaaag atcattttta tagctttgca tcttaacata     420
gcatttaaag agcggcatga attagaggaa agacatggaa cacacaggta gtcggtttga     480
gatccatcgg cttaaaaagta tcctagggat gggaatgacc cagaagtatt ttccagttgt     540
ctagtgggtg tgggat                                     556
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<210> 2875
 <211> 476
 <212> DNA
 <213> homo sapiens

<400> 2875
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 agaatagcta aataacctgg gcttatttta aagaactatt tgtagctcag attgggtttc 120
 ctatggctaa aataagtgt tcttgtgaaa attaaataaa acagttaatt caaagccttg 180
 atatatgtta ccactaacia tcatactaaa tatattttga agtaciaaagt ttgacatgct 240
 ctagaatgac aacccaaatg tgtcttacaa aacacgttcc taacaaggta tgctttacac 300
 taccaatgca gaaactgtgt tgttttcttc tctaaaaaac cagggatgtg tccaaaatga 360
 taaattattc ctaagattaa agtgggcaat ggctccagat ttcccatct taccagttct 420
 ggggattcac tctggccctc ctagaagact gagggggaat atgcggtact tacatg 476

<210> 2876
 <211> 509
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (462)..(500)
 <223> n=unknown

<400> 2876
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 gtcacctct gtagagactg acccaacccc ttctctgcc agggctctgac tgcgtacat 120
 gatattctcc tggacaagtg ctatgtcatc gaactcaaca ccaccattgt gctgccccct 180
 cgcaacttct gggagctct catgaacgtg aagaggggga cctacctgcc gcagacgtac 240
 atcatccagg aggagatggg ggtcacggag catgtcagtg acaaggaggc cctgggggtcc 300
 ttcatctacc acctgtgcaa cgggaaagac acctaccggc tccggcgccg ggcaacgcgg 360

aggcgtgagt ggctggcttc acccacagta gcccctgtcc cgtgcccaga ccacagttat 420
 ttcacgccta gcccagtgtc agagagtcag atagcagcag antaacagct agcattagca 480
 gagacttccg tgtgccgggn atgctgtgt 509

<210> 2877

<211> 355

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (48)..(48)

<223> n=unknown

<220>

<221> misc_feature

<222> (187)..(342)

<223> n=unknown

<400> 2877

gagctgctca gttaggaccc agaggggaacc atggaaaccc cagcgcantt ctcttctctc 60
 tgctactctg gctcccagat gtctccgagg aggtgaagtt gacgcagtct ccagcctctc 120
 tgtccttctc tctaggggag agagccaccc tgcctgtca agccagtga aatcttaagc 180
 gcgtctnnnn agnctggnat cannagangn ntgnccaggc tccnatactg gtnctctttg 240
 caangtcnac cagggcngna ggntcccaga cangttcaat ggnagtnggt ctgggacaga 300
 cttcactctn aacatcgana gantgnagcn tnaagatttn gngatttact tctgt 355

<210> 2878

<211> 573

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (13)..(112)

<223> n=unknown

<400> 2878

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ttaaagccaa ggnngaggag gggggtgagg tgaaagatga gctggaggac cgcaataggg      60
gtaggtcccc tgtggaaaaa gggtcagang ccaaaggatg ggaggngntc angctggaac      120
tgaggagcag gtggggggcac ttctccctct aacactctcc cctgttgaag ctctttgtga      180
cgggcgagct caggccctga tgggtgactt cgcaggcgta gactttgtgt ttctcgtagt      240
ctgctttgct cagcgtcagg gtgctgctga ggctgtaggt gctgtccttg ctgtcctgct      300
ctgtgacact ctctggggag ttacccgatt ggagggcggt atccaccttc cactgtactt      360
tggcctctct gggatagaag ttattcagca ggcacacaac agaggcagtt ccagatttca      420
actgctcatc agatggcggg aagatgaaga cagatgggtgc agccacagtt cgtttgatct      480
ccaacttggt tccctggcca aaaatgaaaa gaggtgaacg accataatat tgacagaagt      540
aaatcgcaaa atcttcaggc tgcagtctgt cga      573
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<210> 2879

<211> 244

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (19)..(234)

<223> n=unknown

<400> 2879

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gcattttagt aaaatctgng nttgtacagt ttttantntn atttccanag anaccagca      60
ggnagnctnt tttctcttag anaaatchnaa cntgcaagcc gtgaagtcag gnatagctga      120
acccttgga taagcacacg ctttgggctt ctttaaagcg agcctntttn tcaagncnt      180
```

ttcctttgct ggnatgaggg gagggntgtg cctgncaggg ctagcacctg gganggacgc	240
tgac	244

<210> 2880

<211> 259

<212> DNA

<213> homo sapiens

<400> 2880

aaccagtgtc agcccaagac taccocgtcg gtcattctgt tctgcccgc ctgtgaggag	60
cccaagccaa caaggccaca ctggtgtgtc tcatgaataa ctttatccgg gaatcttgat	120
ggtgacctgg aaggcagatg gtaccctcat caccagagc gtggagaaga ccacgccctc	180
caaacagagc aacagcaagt acatggccag cagtacctga gctgacgcc cgagcagtgg	240
aggtccgcag aagtacagt	259

<210> 2881

<211> 407

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (33)..(387)

<223> n=unknown

<400> 2881

tgggatgcag agagagaccc ctcccctggg atnctgcagn tccaggnacn ngtnngtggn	60
gttnngggctg gnaccnatga acattctgca ggggccactg antnctccac ggnngctcact	120
tcttgacata acctggcagc tgtagcttct gcgggacctc cactgctcgg gcgtnaggct	180
caggtagctg gctggccatn tacttgctgt ngctntgntt ggagggcgctg gtcttctcna	240
cgctctgggt gatgagggtg catntgcctt ccaggtnanc atcaagattn ccggataaag	300
ntattcatga gacacaccag tgtngccttg ttggcttggg gctactcaca ngacggcagn	360
aacagaatga ccgannggggt agtcttnggc tgacactggt tctcgag	407

<210> 2882

<211> 435

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (388)..(413)

<223> n=unknown

<400> 2882

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agaaccagc attgcagcag ctccaccatg gcctgggctc ctctgctcct caccctcctc      60
agtctcctca cagggtccct ctcccagcct gtactgactc agccaccttc tgcatacagc      120
tccctgggag cctcggtcac actcacctgc accctgagca gcggcttcga taattataaa      180
gtggactggg tccagcagag accagggaag ggcccccggt ttgtgatgcg agtgggcact      240
ggtgggattg tgggatcaag gggggatggc atccctgatc gcttctcagt cttgggctca      300
ggcctgtatc ggtacctgac catcaagaac atccaggaag aggatgagag tgactactac      360
tgtgggacag accatggcag agggagcnac ttcgtggtat tcggcggaag gancaagctg      420
accgtcctag gtcag                                     435
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<210> 2883

<211> 499

<212> DNA

<213> homo sapiens

<400> 2883

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gcagggagaa gggcttgatg ccttgggggtg ggaggagaga cccctcccct gggatcctgc      60
agctctagtc tcccgtgggtg ggggggtgagg gttgagaacc tatgaacatt ctgtaggggc      120
cactgtcttc tccacggtgc tcccttcatg cgtgacctgg cagctgtage ttctgtggga      180
cttccactgc tcaggcgtca ggctcagata gctgctggcc gcgtacttgt tgttgctttg      240
tttggagggt gtgggtggtct ccactcccgc cttgacgggg ctgctatctg ccttccaggc      300
```

cactgtcacg gctccccgggt agaagtcact tatgagacac accagtgtgg ccttggtggc	360
ttgaagctcc tcagaggagg gcgggaacag agtgaccgag ggggcagcct tgggctgacc	420
taggacggtc agcttggtcc ctccgccgaa taccacgaat tgctccctct gccatggtct	480
gtcccacagt agtagtcac	499

<210> 2884

<211> 476

<212> DNA

<213> homo sapiens

<400> 2884	
gccagccaa gcaactgtcag gaatcctgtg aagcagctcc agctatgtgt gaagaagagg	60
acagcactgc cttggtgtgt gacaatggct ctgggctctg taaggccggc tttgctgggg	120
acgatgtcc cagggctggt ttcccatcca ttgtgggacg tccagacat cagggggtga	180
tggtgggaat gggacaaaaa gacagctacg tgggtgacga agcacagagc aaaagaggaa	240
tcctgaccct gaagtaccg atagaacatg gcatcatcac caactgggac gacatggaaa	300
agatctggca ccactctttc tacaatgagc ttcgtgttgc ccctgaagag catcccaccc	360
tgctcacgga ggcaccctg aaccccaagg ccaaccggga gaaaatgact caaattatgt	420
ttgagacttt tcaatgtccc agccatgtat gtggctatcc aggcggtgct gtctct	476

<210> 2885

<211> 341

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (285)..(285)

<223> n=unknown

<400> 2885	
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ggacattcac agttgtgtgc tagagacaga gaggagcagg aaagtgtttt agaagcattt	120

gcggtggaca atggaaggcc cggcttcacg gtattcctgt ttgctgatcc acatctgctg 180
gaaggtggac agagaggcca ggatggagcc accgatccag acagagtatt tgcgctccgg 240
aggggcaatg atcttgatct tcatgggtgct gggtgctagg gccngatct ccttctgcat 300
tcggtcggca atgccagggt acatagtggt gccccctgat a 341

<210> 2886

<211> 360

<212> DNA

<213> homo sapiens

<400> 2886

gcctgcgag ggcaggagca gctggcccac tggcggcccg caacactccg tctcaccctc 60
tgggcccact gcatttagag gagggccgct tgtgaggcca ctaccctcc agcaactggg 120
aggtgggact gtcagaagct ggcccagggt ggtggtcagc tgggtcaggg acctacggca 180
cctgctggac cacctcgct tctccatcga agcagggaag tgggagcctc gagccctcgg 240
gtggaagctg accccaagcc acccttcacc tggacaggat gagagtgtca ggtgtgcttc 300
gcctcctggc cctcatcttt gccatagtca cgacatggat gtttattcga agctacatga 360

<210> 2887

<211> 297

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (194)..(281)

<223> n=unknown

<400> 2887

ggcagtttgt ccttcctcag gaccagccgt cagcagtcct tgacgaaagc acccattct 60
ctccacagac agctgggtcc agaaggaccc tctgaggctg gtcttcggg taggatgtgc 120
tgtgggaggg ttctgtttcc gaggaggaga ggcgcgacac agcgtgcaag gacctgcagc 180

accttccacg cagnnnnnnn nnnnnnnnnn nnnnnnnncc tgccgggctc tgactcctaa 240
 gtcaggcagg agctttcttca ggcccctggc tnaggaagag ncacagccac cctaaaa 297

<210> 2888

<211> 631

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (427)..(427)

<223> n=unknown

<220>

<221> misc_feature

<222> (602)..(602)

<223> n=unknown

<400> 2888

ggtgggacca cagatacagc caccatcttg tccaaccagc acgagaagga cagcgggtgtg 60
 gggcggaccg acgagagcac ccgtaatgac gagagctcgg agcaagagaa caatggcgac 120
 gacgccaccg catcctccaa cccgctggcg gggcagagga agctcacctg cagccaggac 180
 accttgggca gcggcgacct gcccttcagc aacgagtctt tcatttcggc cgactgcacg 240
 gacgccgact acctggggat cccggtggac gagtgcgagc gcttcgcga gctcctggag 300
 ctcaagtgcc aggtgaagag cgccaccctt tacggcctgt actaccctag cgccccctg 360
 gacgccggca agagtgacct tgagagcgtg gacaaggagc tggagctgct gaacgaagag 420
 tgcgcanatt cgagctggag tgcctgagca tcgtgcgcgc ccacaagatg cagcagtcaa 480
 ggagcagtac cgcgagtcct ggatgtgcac aacagcggct tccgcaacta caacaccagc 540
 attcgacgtg cgcagacacg agctcttcag atattcacg agctcccga gaaattccga 600
 cnaaggacag cttcgagcgg cttacaacac a 631

<210> 2889

<211> 524

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (253) .. (253)

<223> n=unknown

<220>

<221> misc_feature

<222> (443) .. (508)

<223> n=unknown

<400> 2889

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ttgtaactaa tcatgatttt gtgaacttgc ctgtataagt ctgtaccttc aaatctacaa      60
agcaaaagtt tactacaatg agcacttaaa attccacaaa ccgtctccat ccacaacttt      120
cctgtacatg caaattcttt caatgggctg caatatttgc aaacatgctt taaacttcca      180
taaagatgca agatattttg ctttctgcta aaacctttac actctcttgg gaaccttaac      240
caggaaaatg ttnaaatgta tatcccaact ctaaacgctg ccggtttggt tatatgtatt      300
aaatcgttaa ccaccgggtt gggtggtttt gagttgaaac cttcacctaa atgataatat      360
cttaacggtc acgcatatga aacacattca gtaacgtacc attataaaat agggttccat      420
taaaaataca tactggcagt tgnntttgtg ttttaggcag gaaaaaaagc gggtttaact      480
tttttatntg agnatagttt aaacaagnta ttctgtgaaa gtat                          524
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<210> 2890

<211> 464

<212> DNA

<213> homo sapiens

<400> 2890

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cagtgaataa tcagaagtca gtttgggaga agtcaaaatg gacacaatct tcttgtggag      60
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tcttctattg ctgttttttg gaagtcaagc ctcaagatgc tcagctcaaa aaaataccga	120
atttgcagtg gatctttatc aagaggtttc cttatctcat aaggacaaca ttatatatttc	180
accccttgga ataacttttg ttcttgagat ggtacaactg ggagccaaag gaaaagcaca	240
gcagcagata agacaaactt taaaacaaca ggaaacctca gctggggaag aattttttgt	300
actgaagtca tttttctctg ccatctcaga gaaaaaaca gaatttacat ttaattctgc	360
caatgccctc taccttcaag aaggattcac tgtgaaagaa cagtatctcc atggcaacaa	420
ggaatttttt cagagtgcta taaaactggg ggattttcaa gatg	464

<210> 2891

<211> 393

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (19)..(391)

<223> n=unknown

<400> 2891	
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ttcttcanga tgacgntant ttgccaatca gctattttttg agaaatcatc ttttattctg	120
aggctgtgct ttctattcac agtnaatcta aatctcttcc ttttatctcc tgggtgtcag	180
gatttgtcac tcttcccata aacagaattg atnctgttgg attatgcttc atantaaaca	240
gaaatggatg atttgctata aatnggcttt gngccagact catgatcaca gggatgtgtn	300
tgccagttga tgttgcngct tcaactaccat cttcatntat ctcaaagnaa acttttttgcg	360
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<210> 2892

<211> 376

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (283) .. (333)

<223> n=unknown

<400> 2892
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ctctctcttc cttctttgca gaggcctcct caccagtcag tgcaccccca gtgcctgtgg 180
gcattccccc ctcgccaaag caagaatcag cctcatcctc ttattttgtg gcaccaaggc 240
caaagttctc agccaagaaa agtggtgtca caattcaggt gtngaaacca tctgttgtgg 300
aagagtaatc ttgtagctga agctgagtggt ccntttgctt gaaatgaaat gggtgcagtg 360
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<210> 2893

<211> 504

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (428) .. (429)

<223> n=unknown

<400> 2893
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gttctctgtc tcctgggagc ggtcccccatt gaaacgggag ttacgcagac accaagacac 180
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agctctcact tattccttca cctacacacc ctgcagccag aagactcggc cctgtatctc 420

tgcgccannc caagtacatc cgggatagcg ggaggattta aatgagcagt tcttcggggc 480
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<210> 2894

<211> 439

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (251)..(267)

<223> n=unknown

<220>

<221> misc_feature

<222> (434)..(434)

<223> n=unknown

<400> 2894

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 gagaatcctg ggtgaggatg aagaatgacc tgggatgggt ttggagctag cctctggaat 180
 cctttctctt gaccatggcc atcagcacga gggcactgac cagcacggca tacaaggtgg 240
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 cggaggtgaa gccacagtct gctctacccc aggcctcggc gctgacgac tgggtgacag 360
 gtttgccct atcctgggtc cactcgatcat tctccgagag cccgtagaac tggacttgac 420
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<210> 2895

<211> 277

<212> DNA

<213> homo sapiens

<400> 2895
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agagacacag tgtatcttca aatgaacaac ctgaaaagcg aggacacagg catctattac 120
tgtgtcacag actgggggac tggagaatat tacattagag cctttgattt gtggggccga 180
gggacaatgg tcaccgtctc ttcagcatcc ccgaccagcc cccaaggtct tcccgtgag 240
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<210> 2896

<211> 396

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (222)..(222)

<223> n=unknown

<220>

<221> misc_feature

<222> (357)..(389)

<223> n=unknown

<400> 2896
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cgtggcccac catgcaggag aaggtgtccc ccttcttcca gtcctcggct gccacgcgca 180
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tcaggtactt ctgcggggc agctcctgtg acccctgcag ccagcgaacc agcacgtcct 300
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ccgacggcgg ctggcagcag gtggaccnng ggccgg 396

<210> 2897
 <211> 367
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (93)..(363)
 <223> n=unknown

<400> 2897
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 ctggagagtg tttccaactt cctganggac tttctgcana aggaccggnn tgacgtcaat 180
 gtggagatcg tttttcttca cancactctcc cccaacctgg ancttnaagc tctgttcaaa 240
 cgacatttta ctcnngtgga attttatcag ggntcngncc tcaatccaca tgatnttgca 300
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 cgnatgc 367

<210> 2898
 <211> 72
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (31)..(66)
 <223> n=unknown

<400> 2898
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 atttgncatt tt 72

<210> 2899
 <211> 329
 <212> DNA
 <213> homo sapiens

<400> 2899
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 cattttccat ccagaatcag gcaactattc atgggtgttc acattgttat gaaaatagtt 180
 atttgcataa gttcaataag aatctgctct gtttataaca ggatacattt aaaaatactg 240
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<210> 2900
 <211> 208
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (191)..(196)
 <223> n=unknown

<400> 2900
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 ctgattgggt aatttcagaa tacttcatat tacttttttc taagagttaa agcagaaagg 180
 actttcttac ngngcngacg cagacagc 208

<210> 2901
 <211> 419
 <212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (386)..(386)

<223> n=unknown

<400> 2901
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acactgtgtg tcaggaatcc tgaaatataa gtctctatat ctcccagagg atacttcaca 180
catcatcacc aaagatacca gataaaacct ctgaaaagca cagacgagaa agaacatgcc 240
gtctttacat ctaaccagga ggaacaagac ccagctaacc acacatgtgg tgtgaagagc 300
actgacggga aacaaggccc aattcgaatc tctagatcac tcaaaagccc agaggtgaat 360
acaattccct tacctcatca ttacntcaa ttgtctcagc aaagataggc aatatacta 419

<210> 2902

<211> 490

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (65)..(65)

<223> n=unknown

<400> 2902
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cgccgcagga cccggcactg caaggcgtag gacagcccac aggaactgga agcataagaa 180
agaagcgatt tgtgtccagt caccgctatg tggaaaccat gcttgtggca gaccagtcga 240
tggcagaatt ccacggcagt ggttctaaag cattaccttc tcacgttggt ttcgggtggca 300

gccagattgt acaaacaccc cagcattcgt aattcagtta gcctgggtggt ggtgaagatc	360
ttgggtcatcc acgatgaaca gaaggggccc gaagtgacct ccaatgctgc cctcactctg	420
cggaactttt gcaactgggc agaagcagca caaccaccc agtgaccggg atgcagagca	480
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<210> 2903

<211> 524

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (461)..(515)

<223> n=unknown

<400> 2903

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aaggaacacc caaaccaata cttataaagt acatgtaatt tatagtaaca tattttacta	180
tatacatatg gaaaaaatca tattctcaca gaagagctga acagacattc accaggatac	240
gactgttggg caagctgctg gagatggacc tgctaccctc cagcagcctc cccaccacaa	300
gacaagtgat ctcaatgtcc ccaaacctgt gggaccctgt tctacacacc tcatttttgt	360
tccggcggtt catctcctt gtgtgattgt actgattttc atgagacaca agttacttct	420
ttacatccat attccccaaa gcaggggtac atggtaggga nagaaaggaa gttgggaggg	480
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<210> 2904

<211> 433

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (13)..(108)

<223> n=unknown

<220>

<221> misc_feature

<222> (214)..(214)

<223> n=unknown

<220>

<221> misc_feature

<222> (349)..(398)

<223> n=unknown

<400> 2904

aaggatgtga gtntgttctc caatcccgcc agacggagaa ggcttctata atgtttgcac 60

aacatgttga ttctatagtt gaattctgta cagaacaaaa ccacaacnaa gaagctccaa 120

acaagcaaaa tcaaaaatgc aatctccgaa gcacatggga agtgatccgt gattctgagg 180

actttaagaa aaccactcct atgacaacac agcnaccaa tcccaccttc tcattgctgc 240

agattggaca aagaattgtg tgtttagtcc ttgacaaatc tggaagcatg gcgactggta 300

accgcctcaa tcgactgaat caagcaggcc agcttttcct gctgcagana gttgagctgg 360

ggctctgggt tgggatgggt acatttgaca gtntgcncat tgtaccaaag tgaactcata 420

cagataaaac agt 433

<210> 2905

<211> 303

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (26) .. (279)

<223> n=unknown

<400> 2905

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cttcaccttc tagaaggggc cctgagtaat tcactcantic agcngaacaa caatggctat      120
gaaggcattg tcgttgcaat cgaccncaat gtgccagaag atgaaacact cattacaacc      180
aaataaagga catggtgacc caggcatctc ngatatctgtt tgaagctaca ggaaagcgat      240
tttattttcaa acaatgttgn catttttgatt cctgaaacnt ggaagacaaa ggctgactat      300
gtg                                                                    303
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<210> 2906

<211> 446

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (243) .. (243)

<223> n=unknown

<220>

<221> misc_feature

<222> (358) .. (361)

<223> n=unknown

<400> 2906

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aatggtgctg ttgatatgaa tattaggaca aggagcagac gtttcatcag gactaggtgt      120
ctctggcgga gtctgtggag gaataaacaa agatactcgt gcaatgttgg atattttctga      180
tttcagatcg accttatcaa cagcctgaat agcaatgaaa agatctgtgc cattttcaaa      240
agnaatgttt tctggtttta acaaaaagac ttcctcagag ttggcttcct ttgggatgag      300
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agcagtagta ttcacttgaa gagattcatt gaacttgtct ctgagatcaa gaatactncc	360
ncttattcga atgatatact tgtgagctgt tccatgggtca taatcatccc caggagctgt	420
ccaagtcaga ttaatgagac tgcccc	446

<210> 2907

<211> 73

<212> DNA

<213> homo sapiens

<400> 2907	
gcctcattga tgcttttggg gccctttcat caggaaatgg agctgtctct cagegctcca	60
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<210> 2908

<211> 552

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (530)..(530)

<223> n=unknown

<400> 2908	
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ttaggattcg ctgtatgaag gaagatggta agggatactg gaggactgg agtgaagaag	120
caagtgggat cacctatgaa gatagaccat ctaaagcacc aagtttcttg tataaaatag	180
atccatccca tactcaaggc tacagaactg tacaactcgt gtggaagaca ttgcctcctt	240
ttgaagccaa tggaaaaatc ttggattatg aagtgactct cacaagatgg aaatcacatt	300
tacaaaatta cacagttaat gccacaaaac tgacagtaaa tctcacaat gatcgctatc	360
tagcaaccct aacagtaaga aatcttggtg gcaaatcaga tgcagctggt ttaactatcc	420
ctgcctgtga ctttcaagct actcaccctg taatgggatc ttaaagcatt ccccaaagat	480
aacatgcttt gggtggaat gggactactc caaggggaat ctgtaaagan atatatactt	540

gagtgggtgtg tg

552

<210> 2909

<211> 562

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (6)..(6)

<223> n=unknown

<220>

<221> misc_feature

<222> (546)..(553)

<223> n=unknown

<400> 2909

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gaggtgacca ctgggcaata tgactctttg aaggatctgg aacattagge cagatgtggt	180
ttttaattag gtctcgctta ttaaagcaga acagcactcc cagaagagtt gtcaatagga	240
atgctaagca aacaggcacg actatggctt caatttctcc ttgagcaaac tttggggtag	300
taaaagtgaa ttctggacca tccttcccac cttcatctgt gtatgctgcc attcgtacca	360
tgtacaatgt gtcactagtc aaagaggaca atgtatatc tgtgtgggaa gaatccacat	420
tcacagcagt ttcatttcca atgatggctt ataaaatata gtataattct gataaatcca	480
ttctgaacat caacaggaag ttgggtcccat ctaagacagt tcgttttccc tacttttttt	540
gtccgnacag tangtccttt gg	562

<210> 2910

<211> 289

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (62)..(135)

<223> n=unknown

<400> 2910

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tncgtgggtt caaaggtgac cgaggcccaa aaggagagaa aggagagaaa ggagacagag	120
ctggggatgc cagtngcgtg gaggccccga tgatgatccg cctggtgaat ggctcaggtc	180
cgcaçgaggg ccgcgtggaa gtgtaccacg accggcgctg gggcacctg tgtgacgacg	240
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<210> 2911

<211> 453

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (10)..(428)

<223> n=unknown

<400> 2911

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catttaagga gtggcaagca tattggaagc aagantgacn taggncnata tnggcttagt	180
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ngntagtgct cacctgatat gacaggngat cgtgtatcnn aggcctatga ntntgngatn	300
nncccaaggt gangtgggtc tgcactcact tgctaccang tagctcccct agttctngna	360

cacgtntatg gccagttct gtcctcatg taaaaagcat aacacgatct ccctgtctcn	420
angnngangg tgcagattgc agatttatgg aag	453

<210> 2912

<211> 453

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (155) .. (157)

<223> n=unknown

<220>

<221> misc_feature

<222> (375) .. (414)

<223> n=unknown

<400> 2912

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taaaaccttg tgagagatga aagggcacaa acgtnnnnga gagggggcct taaccatgag	180
gaccaggtgt gtgtgtgggg tgggcacatt gatctgggat cgggcctgag gtttgccagc	240
atttagaccc tgcatttata gcatacggta tgatattgca gcttatattc atccatgccc	300
tgtacctgtg cacgttggaa cttttattac tggggttttc taagaaagaa attgtattat	360
ccaccagcaa tttcnagcag ttagttcctt ccatgatcca tccacnatcc atcnatccat	420
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<210> 2913

<211> 612

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (442)..(462)

<223> n=unknown

<400> 2913

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agaagtataa actactgaca ttcatatggc tccacttcaa atatatgaat tgttcgacta      180
taaatatatt ttgaaataca tttgttttct aaagaaacgt aaaaaaaaaat gtgcacaaaa      240
atatatataa aaaaatgcct tgcaaaaagt taaaaatacc accaggacct tctgtggatc      300
gcatttatgc atggaaatgt caccttgcca acagtcttga ttggaacctg aaaccctgct      360
gtggcttcag gagggggtag tggcaagatg atggtttatt cactgatttt ttcgcttctg      420
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ggcaatcaca aaaccagtc actcaaagcg agctctcaga tttaaaattg catttgattc      540
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cagctccatt ct                                     612
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<210> 2914

<211> 338

<212> DNA

<213> homo sapiens

<400> 2914

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ctgtccatcc agtcttcccc caaatgtatt gtggggaaat tccgcatgta tgttgctgtc      180
tggactcct atggcgtact tcgaaccagt cgaaaccag aaacagacac gtacattctc      240
ttcaatcctt ggtgtgaaga tgatgctgtg tatctggaca atgagaaaga aagagaagag      300
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<210> 2915

<211> 523

<212> DNA

<213> homo sapiens

<400> 2915

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gtccctagga gataagagta tcttgacacag caggtgcagg tttcccagca gctcaggcaa      60
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aatttggtcaa tgacaaggcc agggagccga gcgtgggtgg caggtggcga gtgtcctggg     180
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cccacgggct ggctttgggg ctctgtgattg ccacgctggg gaatatcagt ggtggacatt     360
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cgtactgggt ctcacagctg ctcgggggga tgctcggggc tgccttggcc aaagcgggtga     480
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<210> 2916

<211> 399

<212> DNA

<213> homo sapiens

<400> 2916

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tgggcctctg ccctggcagg aaatgcagga actcccctgt cctcagtctg ggacaggtga     360
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<210> 2917

<211> 509

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (504)..(504)

<223> n=unknown

<400> 2917

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tggctgtatc cactttcaga atgttgaagg gaagttcagc atgcattttc gttacattgt 180
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tacacattcc atcttacatt agtgattcca tcaaagagaa ggaaagtaag cctttttgtc 360
acctcaatat ttactatttc aatacttaca tatctgactt ctaggattta ttgttatatt 420
acttgccatc tgacttcata catccctcag tttcttaaaa tgtccatgga tatcttctac 480
atgcaattta gaactagatt tggntagaa 509
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<210> 2918

<211> 440

<212> DNA

<213> homo sapiens

<400> 2918

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gctcagttta atgcaactta atgagacatt gaattttatg cagctaacc c aagttatcta 180
tagtgtgtgc cctcctgagt accccaggaa atagaagtaa agaactgacg aacatcagat 240
ccaactggcc catttggggt tggactctag gagagagcaa ggaggaggca ggagaggaag 300
tggtgggtct cttttggctg ctgtcctggg aagatgccca gtagtcctta gcaaggggtc 360
tacttctgca ttctgtgttg attcattttc atatgtgtag atgtactgtg tctagtacct 420
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catgtctagg gttgctgtaa

440

<210> 2919

<211> 337

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (279)..(335)

<223> n=unknown

<400> 2919

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caccgggacc ttgcgcacac accagatcct cgcccctggc tcgcgcgaac gcacaggatg 120

accaccaccc tcgtgtctgc caccatcttc gacttgagcg aagttttatg caagggtaac 180

aagatgctca actatagtgc tcccagtgc ggggggttgc tgctggacag aaaggcagtg 240

ggcaccctcg ctgggtggggg cttccctcgg aggcacant caccctgcc agetccaagt 300

tccaccagaa ccagctcctn agcaagcctc aaggntg 337

<210> 2920

<211> 272

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (166)..(166)

<223> n=unknown

<400> 2920

atagtacat tattttaagc aataattaag caaattgaac tactgttttt gagctctact 60

tttcagcata tagatttacc taaaaaagta caaaccaagc acagtgggtgc aattttccag 120

gcactttcaa gttgottatt tacaaatg taagcaccct gttggnacac atgaaaattt 180
 tgggtgctgag aagaaacact ccatgtatat caaatcttta aattttaaca tttgcacagc 240
 tccaaatatt cctgagaaag gtcagtctca tt 272

<210> 2921

<211> 478

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (368)..(472)

<223> n=unknown

<400> 2921

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 cacgtcttaa taagaagggg cttataaatg cgtggacagc tgcagaaaat gacagatggc 180
 cgtggattca gataaatttg caaaggaaaa tgagagttac tgggtgtgatt acccaaggag 240
 ccaagaggat tggaagccca gagtatataa aatcctacaa aattgcctac agtaatgatg 300
 gaaagacttg ggcaatgtac aaagtgaaag gcaccaatga agacatgggtg tttcgtggaa 360
 acattganaa caaactcca tatgctaact ctttcacacn cccataaaa agctcagtat 420
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<210> 2922

<211> 267

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (147)..(261)

<223> n=unknown

<220>

<221> misc_feature

<222> (471)..(471)

<223> n=unknown

<400> 2922

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ggtcctcacc gcctgccggc cggccccaccc ccacccgcag ccatggacgc catcaagaag 120
aagatgcaga tgctgaagct ggacaangag aacgccatcg accgcgccga ncaggccgaa 180
gccgacaana agcaagctna ngaccgctgc aancagctgg aggaggagca gcaggccctc 240
cnagaagaag ctgaagggga nagagga 267
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<210> 2923

<211> 332

<212> DNA

<213> homo sapiens

<400> 2923

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aggggatagg taaaggatga agccagtgcc agagtgggtg gtgggcatga tgggggctct 60
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cccctcccca tagagagaat ggaaaggaga ggagagaaga gagctgaggt ggccacgctg 180
gcgtggggct cagagggagg tgatgtcatt gagtgcgttg tccagttcct cgctaattggc 240
cttgtaacttc atctttctggg catagacttc atctttctagg tcatcgatgg ttttctccaa 300
ctttgccaca gacctctcgg caaactctgc tc 332
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<210> 2924

<211> 558

<212> DNA

<213> homo sapiens

<400> 2924
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 gagcatcctg gccagaacaa gccaaggagc caagacgaga gggacacacg gacaaacaac 120
 agacagaaga cgtactggcc gctggactcc gctgcctccc ccatctcccc gccatctgcg 180
 cccggaggat gagcccagcc ttcagggcca tggatgtgga gccccgcgcc aaaggcgtcc 240
 ttctggagcc ctttgtccac caggtcgggg ggcactcatg cgtgctccgc ttcaatgaga 300
 caaccctgtg caagcccctg gtcccaaggg aacatcagtt ctacgagacc ctccctgctg 360
 agatgcgcaa attcactccc cagtacaaag gtgtggtatc tgtgcgcttt gaagaagatg 420
 aagacaggaa cttgtgtcta atagcatatc cattgaaagg ggaccatgga attgtggaca 480
 ttgtagataa ttcagactgt gaaccaaaaa gtaagctcct aagggtggaca acaaacaaaa 540
 aacatcatgt cttagaaa 558

<210> 2925

<211> 553

<212> DNA

<213> homo sapiens

<400> 2925
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 agctccaggc tgcaggagcc accacctggc catactggct tcttccctga cgcagcacag 180
 ctgtgcctgg gacacagagt cgctctcaag tactggagca gctagcaagc tcaactcccca 240
 ctctctcac ttatctctgt gacaatgtct atcaggctct ggagcccga gatatagcca 300
 gcatcctggc cctcatgcac cacggtgtcc tcgccataca gcctgcaggt ggtgtgtgca 360
 aagtcgatca tgcgcacatc tacagagctg gcgccgatgg gtttgtaggc ataggcacca 420
 gcagactcat cagctgattc ctctgacagg tcttccaaat cctcagcatc tgagtccagg 480
 accattcgg gccgtcctt gccatcataa atgaccagca gggagcttga gtagaagcgg 540
 taggactccc tgt 553

<210> 2926

<211> 510

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (471)..(471)

<223> n=unknown

<400> 2926

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ttttttgcaa aggggtttcc tcgatttgga gctttttttt tcttcaccg tcatttctaa 120
ctcttaaaac caactcagtt ccatcatggt gatgttcaag aagatcaagt cttttgaggt 180
ggctcttaac gaccctgaaa aggtgtacgg cagtggcgag aaggtggctg gccgggtgat 240
agtggaggtg tgtgaagtta ctctgtgcaa agccgttagg atcctggctt gcggagtggc 300
taaagtgctt tggatgcagg gatcccagca gtgcaaacag acttcggagt acctgcgcta 360
tgaagacacg cttcttctgg aagaccagcc aacaggtgag aatgagatgg tgatcatgag 420
acctggaac aaatatgagt acaagttcgg ctttgagctt ctcaggggc ntctgggaac 480
atccttcaaa ggaaaatatg ggtgtgtaga 510
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<210> 2927

<211> 581

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (530)..(530)

<223> n=unknown

<400> 2927

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ccaaaaaacc ttgaaaagct tacgccagga ggccattttt acctgacccg aaactatcga	180
aaaggcctca attttcaagg agatctgaga aaatggatgg gcctgagttt ttctagttat	240
ttttaaaccc atccaacaaa caccctgta tcacaacatg ggcgctggct gaggatgagt	300
ccgcatcctt taaggcccag gagattgcct gctgaccacc tcctacatta ggaagtcaga	360
ggctaaggtg gacccacact ccattgcaga gactgttgag tctctgaaaa agtgagtgtc	420
caggaagaga gacaaaaaga aacaagtagg taaagctgct tcttttcttc cacatgctca	480
ctgcacattg ttgttgagga tgcagggatc cacctcagta taagtcggtn gtggcatgaa	540
cttgaactca ggggctacat aaagataggg ctgtcttgag a	581

<210> 2928

<211> 358

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (303)..(311)

<223> n=unknown

<400> 2928	
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tcttgactta cccctttaa aatcttccca ctgcatcaaa atggggccctc agattttcca	120
taagacctct gagctgttcc tcccagctac gagctgcccc agctgtccag accaaaacga	180
agaagacgtt agccaaaccc aatataagga atgttgtggt ggtggatggt gttcgcactc	240
catttttgct gtctggcact tcatataaag acctgatgcc acatgatttg gctagagcag	300
cgnttacggg nttgttgcat cggaccagtg tcctaagga agtagttgat tatatcat	358

<210> 2929

<211> 536

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (510)..(510)

<223> n=unknown

<400> 2929

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acgctgactg tggccctctt ggggtggggg taggggggtt cctggatgat tttcccatcg      120
tgatcaaaca ccagtcgagt cccaaccttc accgacgcgt ggcaggtaga aatgggtgaca      180
tcgctcagtg cacacagtga gctcagagct tccccctgaa aaccgaaagt ttcaacttca      240
gttaggtcgg caaactcttg aatcttacat gtgtgatgtt tcagagctga aagagactgt      300
aaagtaagga ctaagatacc tcaagtgcc aacaacgga tatacatgat atctagtaac      360
tggttaaaaa aactgttttt gcgtttccca agacagtgtt actcaaaatt ctgagacatg      420
tggcccaatt attttataat aggattagaa aaagtcaact tacttaagcc ttcaaagttt      480
tcttcttcta ccccatatcc attgtctgan acttcaatga gatccactcc atagtc      536
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<210> 2930

<211> 488

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (212)..(212)

<223> n=unknown

<400> 2930

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tgtcccaact acacctgcag gagtccggct caggactggt gaagccttca cagaccctgt      120
ccctcacctg cactgtctct ggtgactcca tcagcattgg tcttactcc tggaaactgga      180
tccggcagcc accaggaag ggctggaatg gnttgggaac atctatcata gtgggagcac      240
ccactacaat ccgtccctca acagtcgagt caccatatca atagacgggt ccaagaacca      300
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gttttcctg aaggtgaact ctgtgaccgc cgcgacacg gccgtgtatt actgtgtcag	360
agatgggttcg acgtggaaac atctaggatg atgggttttga tatctggggc caagggacaa	420
tggtcaccgt ctcttcagca tccccgacca gccccaaggt ttcccgtga gcttcgacag	480
aaccccca	488

<210> 2931

<211> 572

<212> DNA

<213> homo sapiens

<400> 2931

gggcggtca gtagcaggtg cgtccacct ccgccatgac aacagacaca ttgacatggg	60
tgggtttacc cgccaagcgg tcgatgggtct tctgtgtgaa ggccagcggc agggcctcgt	120
ggcccacat gcaggagaag gtgtccccct tcttcagtc ctgggtgccc acgcgcagta	180
tgctggtcac agcgaaggtg gtggtgccct ggctgggctc ctgccgggat gcccaagtca	240
ggtactttct gcggggcagc tcctgtgacc cctgcagcca gcgaaccagc acatccttgg	300
ggctgaagcc gcgtgccagg cacgtcagcg tcaccagctc gttcagggcc agctcctccg	360
acggcgggcg cagcaggtgg acctcgggcc ggaatgtgtt tccggatttt gtgatgttgg	420
cggttagtgg ggtcttcaac tcgggggtgg cagcagtgc ggtgaaggtc tccccatggt	480
tccatggctg ggcacagcag gcaggacact ggacaacgct gtagcagcca cagaggtcac	540
gctcaggtgg tcttgaacag cgtcttccc ac	572

<210> 2932

<211> 385

<212> DNA

<213> homo sapiens

<400> 2932

gcaaattgtac ttggaaaatc acagttcccc aaggaaaagt agtcgtctca atttccgatt	60
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tgccaatggc cagcgcattg gccgcttctg tggcactttc cggcctggag cccttgtgtc	180
cagtggcaac aagatgatgg tgcagatgat ttctgatgcc aacacagctg gcaatggctt	240
catggccatg ttctccgctg ctgaaccaa cgaaagaggg gatcagtatt gtggaggact	300

ccttgacaga ccttcgggt cttttaaaac cccaactgg ccagaccggg attacctgca 360
ggagtcattg tgtgtggcac attgt 385

<210> 2933

<211> 381

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (219) .. (219)

<223> n=unknown

<220>

<221> misc_feature

<222> (332) .. (370)

<223> n=unknown

<400> 2933

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aatattgcac ttctaaaatc tttttttgac atcttcacac aactcaattc taaaatatcc 120
ttttacagag atgtataaat aaacgcttcc aagctgtcaa cgcttgacac ttttagcttc 180
ctatcaccgc actaagtcgg caggtttcca atcagatanc tgctcctctg acagcaggca 240
aagaacttcc ctcagctatc tcggaggcct catacctcca tcatgtgaag agtcaaccag 300
tcccatcttt cggaatcctc tttcagaata tntaatttta taagtatttt ttttctactg 360
agagnacatn gatctttcaa a 381

<210> 2934

<211> 480

<212> DNA

<213> homo sapiens

<400> 2934
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gtctctgggc gagagggcca ccatcaactg caagtccagc cagagtgttt tatacagctc 180
caacaataag aactacttag cttggtacca gcataaacca ggacagcctc ctaagctgct 240
catttactgg gcacttaccg ggaatccgg ggtccctgac cgattcagtg gcagcgggtc 300
tgggacagat ttcactctca ccatcagcag cctgcaggct gaagatgtgg cagtttatta 360
ctgtcagcaa tattatagta cctgtttcac ttttggccag gggaccaggc tggagatcaa 420
acgaactgtg gctgcacat ctgtcttcat cttcccgcca tctgatgagc agttgaaatc 480

<210> 2935

<211> 447

<212> DNA

<213> homo sapiens

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<222> (18)..(94)

<223> n=unknown

<220>

<221> misc_feature

<222> (369)..(444)

<223> n=unknown

<400> 2935
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tggaactgag gagcaggtgg gggcacttct cctctaacca ctctcccctg ttgaagctct 180
ttgtgacggg cgagctcagg cctgatggg tgacttcgca ggcgtagact ttgtgtttct 240
cgtagtctgc tttgctcagc gtcagggtgc tgctgaggct gtaggtgctg tccttgctgt 300

cctgctctgt gacactctcc tgggagttac ccgattggag ggcgttatcc acttccactg	360
tacttttgnc tctctgggga tagaagttat tcagcaggca cacaacagag gcagttccag	420
atttcaactg ctcatcagat ggcnggg	447

<210> 2936

<211> 441

<212> DNA

<213> homo sapiens

<400> 2936

cggaggtgaa ggacgtcctt ccccaggagc cgactggcca atcacaggca ggaagatgaa	60
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agcgggtggag acagagccgg agcccgagct gcgccacaga cccgagtggc agagcggcca	180
gcgctgggaa ctggcactgg gtcgcttttg ggattacctg cgctgggtgc agacactgtc	240
tgagcaggtg caggaggagc tgctcagctc ccaggtcacc caggaactga gggcgctgat	300
ggacgagacc atgaaggagt tgaaggccta caaatcgga ctggaggaac aactgacccc	360
ggtggcggag gagacgcggg cacggctgtc caaaggagct gcaagcggcg caagcccggc	420
tgggcgcgga catggaggac t	441

<210> 2937

<211> 440

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (339)..(412)

<223> n=unknown

<400> 2937

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aggttctgtg ggctgcgttg ctggtcacat tcctggcagg atgccaggcc aaggtggagc	120
aagcggtgga gacagagccg gagcccgagc tgcgccacag accgagtggc agagcggcca	180

gcgctgggaa ctggcactgg gtcgcttttg ggattacctg cgctgggtgc agacactgtc 240
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 ggacgagacc atgaaggagt tgaaggccta caaatcgga ctggaggaac aactgacccc 360
 ggtggcggag gagacgcggg cacggctgtc caaggagctg caggcggcgc angcccggct 420
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<210> 2938

<211> 289

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (215)..(215)

<223> n=unknown

<400> 2938

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 gggcactggc tcctggctga ggaccgcctc ttcgggctct ggcacttctg caccaccacc 180
 aaccagagtg tgccgatctg cttcagagac ctggnccagg cccatgtgcc cgggctggcc 240
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<210> 2939

<211> 253

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (18)..(40)

<223> n=unknown

<220>

<221> misc_feature

<222> (144)..(245)

<223> n=unknown

<400> 2939

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gcccttgtgc caaccagcc ccancagagg ccacatgctg gaaaagtccc attttgacca 180

tattttnttg tggaatatga tgtcccngga gggggcctaa aatttcacg gtnattcaca 240

ggganggggtg atg 253

<210> 2940

<211> 342

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (159)..(159)

<223> n=unknown

<400> 2940

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agtgcaggcg ctgctctgcc agtttgggac agttcagcat gtgtggaagg tgtccgacct 120

accccgcaa tggacccta agaaccag ctgcgacang gcttgggggtg ccaggacacg 180

ttgatgctca ttgagagcgg accccaagtg agcctgggtg tctccaaggg ctgcacggag 240

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cctacacttc gtgtgcgcca gaggattctg caacaaactc gt 342

<210> 2941

<211> 203
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (129)..(176)
 <223> n=unknown

<400> 2941
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 gaatctggng tccaangcca ttaggntatg aggtcanagg gaggttnagt gtggngggtc 180
 agcagcgggtg aaaaatcgtg ggg 203

<210> 2942
 <211> 488
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (395)..(431)
 <223> n=unknown

<400> 2942
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 tgccagtgcac ggtaaccgc accaccatca caaccaccac gacgtcatct tcgggcctgg 180
 ggtcccccat gatcgtgggg tcccctcggg cctgacaca gccctgggt ctcttcgcc 240
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 ggggtccatg ggcaactggt ccatgttcac tgggtcttct gttctccgtg acctgatcat 360

cctcatcgtg gaagctgtgc gggctccagg ccgntcccc ctgtcttggn gcaacttccc	420
catcacttgc ntgctatgcg gcctcttctg ctctcggtc atcattaccc acaactatgt	480
cagtctgt	488

<210> 2943

<211> 326

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (57)..(93)

<223> n=unknown

<400> 2943

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gctttggcaa tggggccct tggggggctg tggcatggac ggctgcaagg ggtgtggatg	180
tgagctcagc acctttggag gtgggtggag gcaaggagag aaagaagtct cagggtccc	240
aaggacacag gagaaggtgc ttgcaaaaca ggcagataag aaagccgaca ggaaaccag	300
aaaagagatg agaaaaaaga agagt	326

<210> 2944

<211> 454

<212> DNA

<213> homo sapiens

<400> 2944

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ccagccggct acaattggag tcagagtccc aaagacatgg gcttggtaga gtgctgtgca	180
agatgtctgg taggggcccc ctttgcttcc ctggtgcca ctggattgtg tttctttggg	240
gtggcactgt tctgtggctg tggacatgaa gccctcactg gcacagaaaa gctaattgag	300

acctatttct ccaaaaacta ccaagactat gagtatctca tcaatgtgat ccatgcttcc	360
agtatgtcat ctatggaact gcctctttct tcttccttta tggggcctcc tgctggctga	420
gggcttctac accaccggcg gcagtcaggc agat	454

<210> 2945

<211> 336

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (3)..(164)

<223> n=unknown

<220>

<221> misc_feature

<222> (284)..(329)

<223> n=unknown

<400> 2945

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atagctgatg agtggtgcat tctgttatgt gatctatata aggagaaaat aacctttatg	120
ttaaacttaa ctcttancac accaagataa cattgctaag taanatcatt ttccattagc	180
tagaaagagc gatcagatta ctcaaattga gattcaaatt caccagatct gtttctgcaa	240
aggcagaata cttgtagaaa atcccaatag tattccacta gccnattttt aatancattn	300
gtgangctta atgtccaant ttcctagtnt aaagaa	336

<210> 2946

<211> 255

<212> DNA

<213> homo sapiens

<400> 2946
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gaaattgctg gagctggtgc ggccagtgtc ctgtctgccc tgaccaacaa agccatagtg 180
aagaaggaac tgctgtctgt ggtggctggg ggagacaact acagggtcaa taacaagcac 240
gatgacagat acaca 255

<210> 2947

<211> 475

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (124)..(194)

<223> n=unknown

<220>

<221> misc_feature

<222> (374)..(374)

<223> n=unknown

<400> 2947
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tggntgttgg gacaatttct tggattattg ctttttcccg cttgcttctg gccagcagga 180
tccccacaa ggcntgcggc agccagcagg cctgctgcca cacctactgt cgtgactgca 240
ccagtgcact ggtcactgcg ggagacgcca tagcgcagat ggttcacgaa gtgcttcgca 300
gttgtcactg gtcagcgaat aaggcaactc ctgccccacc aactcctctg cccgcttgac 360
gattttgttg gaangcagtg gtgtgtatct gtcacgtgct ttgttattga cctgtagtt 420
gtcttcccc aagcaaccac aagacagcag tttccttctt tcaactatggg ctttg 475

<210> 2948

<211> 321

<212> DNA

<213> homo sapiens

<400> 2948

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gctcagctgt gggcttagga agcagagcct ggggcatctc caccatgggc tggacccctc      60
tcctcctcca gcttctcacc ctctgctcag ggtcctgggc acagtctgcg ctgacccagg      120
aagcctcggt gtcagggacc gtgggacaga aggtcaccct gtctgtttct ggaaacaaca      180
acaacattgg aagttatgct gtgggctggt accaacagat ttctcacggt gttctcaaaa      240
ctgtgatatt tggaaattct ccgccctcag ggatccctta ccgttctctg gtcaaagtct      300
gggaccacag cctccctgac t                                         321
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<210> 2949

<211> 178

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (20)..(168)

<223> n=unknown

<400> 2949

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cagctctagt ctcccgtnnn gggggtgagg gtttagaacc tatgaacatt ctgtaggggc      120
cactgtcttc tccacggtgc tcccttcatt cgtgacctgg cagctgnngc ttctgtgg      178
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<210> 2950

<211> 229

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (187)..(222)

<223> n=unknown

<400> 2950

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gggggccctc gccctgacca ccgtgatgag cccttgtgga ggtgaagaca ttgtggattt      120
agaagatttg acccgcaatt tgcactgaca aacatcgctg tgctaaaaca taacttgaac      180
atcgtgntta aacgcnccaa ctctancgnt gctaccaatg angttcctg      229
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<210> 2951

<211> 543

<212> DNA

<213> homo sapiens

<400> 2951

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ttcctttatc ctaatttatt tctccatcat acttttaaaa gccatattga aattagtaca      60
aacttatttt ttggttttta aatttttgct ataacaattc tgagcaaagg gcagagagta      120
tccattaact tcattgttgc ctgaattgag ggatgggagg cagtgccaaag ggtgagaaca      180
caaagaagaa agaaatatta atgtcagcta agaaatcaac atattatcag gctatattgt      240
acttggttgc ttctgtgtta ctggatatga aatatgatct gggaaatgag atgaaattgg      300
cttgaaacat gagagtgtca caattcttag ccatagggtc agtcagcccc ggatgaaaga      360
tagaaaaatt tgacatagat ctcttaaagg gaatttattg ctccatgga gatttttagat      420
cgatgttact gaggaattag gtagctgggc ggcttacccc aggcattctct tagtaggtaa      480
caccttcctt ttcaggatgg gattcacaag ggcccttggt gtctggaagc accaactgaa      540
cgc      543
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<210> 2952

<211> 361

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (355)..(357)

<223> n=unknown

<400> 2952

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aggacgtgaa aatctgcctt ctcacccatga ggcttctagt cctttccagc ctgctctgta      60
tcctgcttct ctgcttctcc atcttctcca cagaagggaa gaggcgtcct gccaaaggcct    120
ggtcaggcag gagaaccagg ctctgctgcc accgagtccc tagccccaac tcaacaaacc      180
tgaaaggaca tcatgtgagg ctctgtaaac catgcaagct tgagccagag ccccgctttt      240
gggtggtgcc tggggcactc ccacaggtgt agcactccca aagcaagact ccagacagcg      300
gagaacctca tgccctggcac ctgaggtacc cagcagcctc ctgtctcccc tttcngnctt      360
c                                                                              361
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<210> 2953

<211> 299

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (149)..(263)

<223> n=unknown

<400> 2953

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tgcaggggat ttgggggatg tgggacctcc aattcccagc cccggcttca gctctttccc    120
aggtgtttga ctccaagctc cagctttcna gcttccaagc ttccnaggtc cggggctccc      180
agcttccaag cccgcaagct ttaagggcna gcgggagggt ttctgtgggt cccaagtttg      240
ttttttcccn aatttttcna ccngggcttc cgggtgggaat ggaacccgtg ggggaacct      299
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<210> 2954
 <211> 630
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (597)..(597)
 <223> n=unknown

<400> 2954
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 tggtgttgta aactgctgta ccactacctt ggccataggt gatccgcaac tctcgagcat 180
 ttatatacaa tagcaaatca tccagtgtgt tgtacagtct ataatactcc aacagtctcc 240
 catctgtatt caatggcgcc acccaataca gtcctttgtt tggatgctgg ggagagtaat 300
 ccctacccca agcaccatat agataagaaa accctctcca gttgagctga accacagacg 360
 gtttgcgat gttcaccaca ccaccatgac cacagctccc tggagtggga ggaggggtgga 420
 cgacaggggt gttttgatct ttagaggcct cacactcttt cagcttggtc ttcagagcca 480
 cgatttctcg gcgaatggca aggacattgt ttttgtctag tgtctcaage ttctctacca 540
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 aactctcctt cagctgtatg accagttttc 630

<210> 2955
 <211> 229
 <212> DNA
 <213> homo sapiens

<400> 2955
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 cttctggccc tgctcgtctg cctaggggag ctggtcgacg cctaccccat caaacccgag 180

gctccggcga agaccctcgc cggaggagtg aaccgctact acgcctccc

229

<210> 2956

<211> 406

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (253)..(351)

<223> n=unknown

<400> 2956

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cccgaaccct gccagacgc cgcgcgcggg aggcagaatc cgggtttctg gggtcgggag	120
tgcgatgca aatgacgtgg gcgtgggttg cagatctccc aggaggcctc aggggtcctc	180
accacaggtc tgggccctcc gacctgcgga agcgaagggg aaggaattgg atctggggag	240
gcgagcctgg ganacgtcgt taagtgatgt tgccagggtg gggccaggcc gcgctctcgg	300
atgcaggatg tgtggtaacg ggcgttttac cgcgacctga cgggggcggt nctcgccgtc	360
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<210> 2957

<211> 523

<212> DNA

<213> homo sapiens

<400> 2957

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ctcacagggt ccctctccca gcctatcttg actcagccac cttctgcac agcctccctg	120
ggagcctcgg tcacactcac gtgcagtgtg agcagcgact acaagaatct tgaagtggac	180
tggtttcagc agagaccagg gaagggcccc cgttttgtca tgcgagtggg cactggtggc	240
gttggtgggat tcagaggggc tgacatccct gatcgctttt cagtctcggg ctcaggcctg	300

aatcgggtttc tgaccatcag gaacatcgaa gaagaggatg agagtgacta ccactgtggg 360
acggaccttg gcagtgggac cagcttcgtg tcttgggtgt tcggcggagg gaccaagttg 420
accgtcctaa gtcagcccaa ggctgcccc tcggtcactc tgttccccgc cctcctctga 480
ggagttcaag ccaacaaggc cacactgggtg tgtctcataa gtg 523

<210> 2958

<211> 604

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (6)..(64)

<223> n=unknown

<220>

<221> misc_feature

<222> (180)..(278)

<223> n=unknown

<220>

<221> misc_feature

<222> (386)..(390)

<223> n=unknown

<400> 2958

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cgtngggggg gtgagggttt agaacctatg aacattctgt agggggccact gtcttctcca 120
cggtgctccc ttcatgcgtg acctggcagc tgtagcttct gttggacttc cactgctcan 180
nnntcaggnt cangtagctn ctggnngcnt acttggtggtt gctttgtttg gnggggtgtng 240
tggtctccac tcccgcttg acgggnctgc tatctgcntt ccaggccact gtcacggctc 300
ccgggtagaa gtcacttatg agacacacca gtgtggcctt gttggcttga agtcctcag 360

aggagggcgg gaacagagtg accgangggg cagccttggg ctgacttagg acggtcaact	420
tggtccctcc gccgaacacc caagacacga agctgggtccc actgccaagg tccgtccac	480
agtggtagtc actctcatcc tcttcttcga tgttctgat ggtcagaaac cgattcaggc	540
ctgagccgag actgaaaagc gatcagggat gtcagcccct ctgaatccac aacgccacca	600
gtgc	604

<210> 2959

<211> 303

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (72)..(297)

<223> n=unknown

<400> 2959

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ggaagggact cntccccgag cccaacatcc tgcagctgct caacaacctg ggcccatccg	120
cntnctcca gctgctgctc nnnccccctgc tccatggcag tgcggggggg aagcagggnc	180
tcttggtnt nccccagcc atgcngctgc tcaatgggcc agccctgtnc acggcgctgt	240
tgcagctcgc nctgcaganc cagggccaga agaagcnegg natcctggga gantnanc	300
tgg	303

<210> 2960

<211> 504

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (192)..(222)

<223> n=unknown

<220>

<221> misc_feature

<222> (362)..(413)

<223> n=unknown

<400> 2960

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aggtcctgct ggtgggcggg cccagagttt atcttcatgg agtgctgggt tctggcactg 180
ggctggaagg angccagctc cagggatctg gccggnngtg gncaggcaga attcaagaat 240
tcatcttcaa caagcgagtg acagcagagg ctccgggaga tgggcacaat gtccgactcc 300
cacatacaga cagcagggga ctggcagaga aagcccatct ctgcacggag gcccgggtag 360
gnnggggtgg tggggccggt tcgccaagat gaaggctttc cccttctact gtncccaagg 420
tgagatcct gggtagggtg gcccaatccc taagccaaat ctgtttggtc catagtcaag 480
ctcccagaac ttggcatctg tggc 504
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<210> 2961

<211> 529

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (20)..(21)

<223> n=unknown

<220>

<221> misc_feature

<222> (503)..(515)

<223> n=unknown

<400> 2961

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tactcggctc tacaagtga taccacagaa tgaccttcta ggtcatccaa agaccagagc     120
ttttataact catggtggag ccaatggcat ctacgaggca atctaccatg ggatccctat     180
ggtgggggatt ccattgtttg ctgatcaacc tgataacatt gtcacatga aggccagggg     240
agcagctggt agagtggact tcaacacaat gtcgagtaca gacttgctga atgcattgaa     300
gagagtaatt aatgatacct catataaaga gaatgttatg aaattatcaa gaattcaaca     360
tgatcaacca gtgaagccct ggatcgagca gtcttctgga ttgaatttgt catgcgccac     420
aaaggagcta aacacttcgg gttgcagccc acgacctcac tggttccagt accactcttt     480
gggatgtgat tggggtcctg ctngtctgtg tggcnactgt gatatttat      529
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<210> 2962

<211> 484

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (430)..(471)

<223> n=unknown

<400> 2962

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actaatcatt ttttcccttc tttgcttttc tagcaaactt ccagaaacaa aacagacaac     120
attttgtgac gataaatatc acagttgcca cacagaccag caggaaccca atcacatcca     180
aagagtggta ctggaaccag gtgaggtcgt gggctgcaac ccgaagtgtt tagctccttt     240
gtggcgcatg acaaattcaa tccagaagac tgctcgatcc aggggcttca ctggttgatc     300
atgttgaatt cttgataatt tcataacatt ctctttatat gaaggatcat taattactct     360
cttcaatgca ttcagcaagt ctgtactcga cattgtgttg aagtccactc taacagcttg     420
```

ctccccctggn cttcatgtga gcaatgttat caggggtgatc agcaaacnat ngaatcccca 480
ccat 484

<210> 2963

<211> 346

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (159)..(318)

<223> n=unknown

<400> 2963

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tctctactct ccgaagggaat tgccttctct ggcttccact acttccaccc ctgaatgcac 120
aggcagcccg gcccaagtct ccactaggg atgcagatng attcgggtgtg aagggcnngc 180
tgcngttgdc tccggctctt gaaagtcaag ttcanaggcg tgcaaagact ccagaattgg 240
aggcatgatg aagactctgc tgctgtttgt ggggctgctg ctgacctngg agantnggca 300
ggtcctnggg gancngangg tctcagacaa tgagctccag gaaatg 346

<210> 2964

<211> 506

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (183)..(183)

<223> n=unknown

<220>

<221> misc_feature

<222> (388)..(491)

<223> n=unknown

<400> 2964

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ggggagagggc tgggaggaggt tgggggcctg gaggctgggg cctgggttact tggtgacgtg    120
cagagctctc tctggggggc tgcagctcat cttgggggga gctggactca gatgcccccg      180
tangtgcaaa agcaacatcc acatctcact cctcccggtg ctttttgagg tattcctgca      240
gcgctttctc cgccacgggc tccataaatt tagggttctt cctggagact tctacagggg      300
ccgtcacagt gatgggatca gaggcaaaaa gcttcacgac cacctcagtg acaccggaag      360
gaacgtccga gtcagaagtg tgggaaancc ccggtgtgac ccgcagatag tactggtctt      420
cgcttgctg aggtttgccg anccgggaca ccagttaaac tgctcggttc gctgctccaa      480
caaaggagga nggtgtgagc atcttc                                           506
```

<210> 2965

<211> 539

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (148)..(187)

<223> n=unknown

<220>

<221> misc_feature

<222> (304)..(304)

<223> n=unknown

<220>

<221> misc_feature

<222> (505)..(520)

<223> n=unknown

<400> 2965

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gcctcctgtc aaggtagcta gaggcctggg aaaggagata gccttgctcc ggcccccttg    120
accttcagca aatcacttct ctccctgnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn    180
nnnnnnnttt ttctgtcag gttaacttat ttgtaggttc tgcattatta gaactttcta    240
gatatactca ttccatctcc cctcattttt tttaatcagg tttccttgct ttgcccattt    300
ttctccttc ttttttcaact gatttattat gagagtgggg ctgaggtctg agctgagcct    360
tatcagactg agatgcgggt ggttggtgtg aggacttggt tgggctgcct gtccccggca    420
gtcgctgatg cacatgacat gattctcatc tgggtgcaga ggtgggagga accaagtggg    480
caaccctgtg ggggttaagg gcttngaaga gtgggcacan gactggggca cgcttcagt    539
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<210> 2966

<211> 592

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (578)..(578)

<223> n=unknown

<400> 2966

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ttgttcatta tgaacagagg attctacttt acaatgtact aaaatggtgt tatgtatttc    120
aggaccattg aacattcaag ttgtttatca tttctttga ccaccaacat tgctgtaatg    180
aatagggatt taagagcaaa agtaacgaga atacttgctt aaccacttat gaaaacatat    240
cataaaagta gaacaatcaa aatgggtggat gccatagaga aagcaaggta acaaaatagg    300
aagcctaggg accaataaag tatatatata aggatttcct atatcacaaa agtaaacactt    360
```

caggtacatg gaaaaagaat ttcagtagca aaaggcacct cagtctcaca tccacacatt 420
caaaaataat taaaatttta catgaaaagt tggaaacaca aaatgaacta gaaaaacaat 480
atataaatta ggacaaacac tgctttgcaa tgggaggacc tttgtaaatc tgacagtaaa 540
agtgaagaag gagtttacta ggggtctgtt gacttacnga agcattcata tt 592

<210> 2967

<211> 344

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (270)..(337)

<223> n=unknown

<400> 2967
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ctttcccttg gtgtgctctg ggtggcccag atgctactgg cagctggatg tcatgccgct 120
gccagttttg agacgctgca gtgtgaggga cctgtctgca ctgaggagag cagctgccac 180
acggaggatg acttgactga tgcaaggga gctggcttcc aggtcaaggc ctacactttc 240
agtgaaccct tccacctgat tgtgtcctan gactggctga tcctccaagg tccagccaag 300
ccagtttttg aaggggacct gatggttctg cgctganagg cctg 344

<210> 2968

<211> 519

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (444)..(463)

<223> n=unknown

<400> 2968
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aaggaaagag aagagaagct ggggatgggg tggatgatct gaagcagctg caggatgttg 120
agggaggtgc aggaaaagca gacatgtgtg ctgtgggaca gcacaggccc aggactgtcc 180
aggccagga tgggcatgca gagcatgtct gaaaggagag aggggttcca gccaggcaag 240
ctgctcttcc tgcaatgttt gcgcctccca ctatggctct ccttatactc tgcacctccc 300
catctagctc ttcctcggag gcagcattgt taaggaggc cctgtgcaag tgctggagga 360
cgaggaacta aagtcccagc cagagcccct agtgggtcaag ggaaaacggg tggctggagg 420
cctcagatga tccagctcag cctnttatgg gaagcgctc tanatcacca cgtcgtgtac 480
agtgcctggg acaagcagtt ttaccctgat ctcatcagg 519

<210> 2969

<211> 370

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (245)...(245)

<223> n=unknown

<400> 2969
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cggantcatg ggcaagggtc gggccaaggg gctccttccc gaagtccacc aggaagttgg 300
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<210> 2970

<211> 525

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (253)..(254)

<223> n=unknown

<400> 2970

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atctacttgc tgcttcacat ttagcagtaa gaagatctcc ttgcagaggg tgaagagcta      180
tgtgatcacc accagcaggt gtccccagaa ggctgtcatc ttcagaacca aactgggcaa      240
ggagatctgt gcnnacccaa aggagaagtg ggtccagaat tatatgaaac acctgggccc      300
gaaagctcac acctgaaga cttgaactct gctacccta ctgaaatcaa gctggagtac      360
gtgaaatgac ttttccattc tcctctggcc tcattctcta tgctttggaa tacttctacc      420
ataattttca aataggatgc attcggtttt gtgattcaaa atgtactatg tggttaagtaa      480
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<210> 2971

<211> 484

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (464)..(464)

<223> n=unknown

<400> 2971

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caacccttg gaaccgaata caaacccact gccagcagct catagtggaa gggaaggggg	180
cttagagaca gcaacctact tgctcaaggc cttgcttttag aaaagatcag caatactcaa	240
ataaactcca aaccagcaac aagtcaaata atagccaata ttacttaaca catagtacat	300
tttgaatcac aaaaccgaat gcatcctatt tgaaaattat ggtagaagta ttccaaagca	360
tagaagagga ggccagagga gaatggaaaa gtcatttcac gtactccagc ttgatttcag	420
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<210> 2972

<211> 423

<212> DNA

<213> homo sapiens

<400> 2972

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acagctacgg ccatcccagc cctggccaag gggaaaatgc cggaagactc caggggtggga	180
ggaagcgcgt cccaaggccc aggatctgcg aggcgacttg gggaaaacgc aggcaggacc	240
tgctgaagct cacaccctg gaccaccag actgcctgcc gctacaggat gccctccgca	300
tctcccagga cttctttccg gcatcagtgt ggacattgac cccactggac tgcagtcaca	360
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<210> 2973

<211> 448

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (77)..(114)

<223> n=unknown

<220>

<221> misc_feature

<222> (251)..(414)

<223> n=unknown

<400> 2973
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ccatcaagat tcccgataa antnattcat gagacacacc agtgtggcct tnttggttg 360
gggctcctca caggacggca ggaacagaat gaccggacgg ggttagtctn tggngttgac 420
actggttagt catgaaatcg gcaaaaatt 448

<210> 2974

<211> 501

<212> DNA

<213> homo sapiens

<400> 2974
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caccttctac accgggggtcc cgaaggcaga attcaagaag gagacgttcg acgtgacgct 180
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gctgctggaa caagcgtccc tgcacttctt tgtcacagct cgcacatcat agaccaggga 300
tggtctggcc aagcaaaagt ccaccgtgct aaccatccct gagatcatca tcaagggtccg 360
tggcactcag gtagttgggt ctgacatgac tgtgacagtt gagtttacca atcctttaaa 420
aagaaaccct gcgaaatgtc tgggtacacc tggatgggtc tggagtaaca aagaccaatg 480
aagaagatgt tccgtgaaat c 501

<210> 2975
 <211> 554
 <212> DNA
 <213> homo sapiens

<400> 2975
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 tgatgtatat atagagggga ccagctcacc ctcatagggt agtgctgaag gctcaggaac 180
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 ccagtatact tatcactggt cattttttgc taagaatcac agtctactga cctaaatcac 300
 accctagaca tatcagaggg aaattctgac cataaatcag ccttgcaaat acatagcagg 360
 cagccttctc tgtagtagcc ttggaacata atacaaatga tgtcagcatc ctctgtgggt 420
 gggtcagaac tagcactggc tatttgcaag gctgagtcca tattaccctt cagcacctga 480
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 gtccttctat atat 554

<210> 2976
 <211> 499
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (486)..(486)
 <223> n=unknown

<400> 2976
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 atctgtaact ctaaagatc ctttttaaat tcagtcctaa gaaagaggag tgcttgctcc 180
 ctaagagtgt ttaatggcaa ggcagccctg tctgaaggac acttctgcc taagggagag 240

tggtatttgc agactagaat tctagtgtctg ctgaagatga atcaatggga aatactactc	300
ctgtaattcc tacctccctg caaccaacta caaccaagct ctctgcatct actcccaagt	360
atgggggttca agagagtaat gggtttcata tttcttatca ccacagtaag ttcctactag	420
gcaaaatgag agggcagtggt ttcctttttg gtacttatta ctgctaagta tttcccagca	480
catganacct tattttttc	499

<210> 2977

<211> 548

<212> DNA

<213>, homo sapiens

<220>

<221> misc_feature

<222> (479)..(479)

<223> n=unknown

<400> 2977

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tttggcatag attcatactt taaaggcatt aatattgcat ttatatcagg caagcaacta	180
tacaaatatg ctgaggggct tgaaaataat catcctcatt ttaaaggaaa tagtgaaagc	240
ctgagtgtaa aggaccaact taagttgtac acattcgatg ttgggaacta acacacagcg	300
atgggtggga aggaaggatg ttcaggcaag gttcttactc ctttactcat ctggttctgg	360
ctttgggaaa aaataagggt tcatgtgctg ggaaatactt agcagtaata agtaccaaaa	420
aggaaacact gccctctcat tttgcctagt agggacttac tgtggtgata agaatatgna	480
accattact ctcttgaacc ccatacttgg ggagtagatg ccagagagct tgggttgtaa	540
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<210> 2978

<211> 493

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (427)..(460)

<223> n=unknown

<400> 2978
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tagttctgcc cagctttatg tcttttattc cagtattcca ccaaagtttg ttttcctgca 180
ttccagttct caagtcttaa gataaagatt gtacttgaca gtttagtata tccataaaac 240
tatttgaggt ggttaagggt cttgggttca ttttccttaa tactttgctg aatattgtag 300
attgtaggca atgaaaaagt ctactaaatt aggaaaacct tgaataatta ggtatcctag 360
gtaagagccc ctaaaccatca agcaatctgt gagtctgtaa agaaataaat attttttgga 420
ttattcntat ccaattccac ccctgntgga agtggattcn ttggtccttg caactatgga 480
agctgtggaa aat 493

<210> 2979

<211> 550

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (518)..(518)

<223> n=unknown

<400> 2979
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aattcctaca aaccattgca gaaaatatta aaccctctaa ccaacctaac actcgctttc 120
agaggcactt gtgatgattt tcacagcttc catagttgca aagaacaaag aaatcatctt 180

ccaacagggg tggaattaga taagaataat ccaaaaaata tttatttctt. tacagactca	240
cagattgctt gatgtttagg ggctcttacc taggatacct aattattcaa ggttttccta	300
atntagtaga ctttttcatt gcctacaatc tacaatattc agcaaagtat taaggaaaat	360
gaaccaaga accttaacca cctcaaatac ttttatgggt atactaaact gtcaagtaca	420
atctttatct taagacttga gaactggatg caggaaaaca aactttggtg gaatactgga	480
ataaaaggca taaagctggg cagaactagg tgtggcanct tgtatgttaa ttctgaaagc	540
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<210> 2980

<211> 257

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (73)..(73)

<223> n=unknown

<400> 2980	
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tgcaaaagga ggaggcgcgg caagacgtgg aggcctcct gagccgcacg gtcagaatca	180
gatactgacc ggcaaagagt ccgagttgcc accccaggaa aaagaggctc ctctgggaga	240
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<210> 2981

<211> 445

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (317)..(329)

<223> n=unknown

<400> 2981

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gttggggaag tgtctaactt tccagcattt atcaatggca cgtttggtga aaccagcaa	180
gaggtctctg cgacgaaggc ggaaggactt tctgttattg caaagttggt aaataaagat	240
gccaagggtta ctaacatcac gaatttcctc cacagcaact aggtcttctc gaaccacata	300
agtttgaggc agatatntgc cactcgccng ttgccaaag agctctacca gatttttttg	360
gaggcataac aatagaagta ttgaggggca tcagatagca gttccccagc aacaagtcca	420
ggtaagcagt cattccccctt ttcaa	445

<210> 2982

<211> 455

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (11)..(61)

<223> n=unknown

<220>

<221> misc_feature

<222> (165)..(321)

<223> n=unknown

<220>

<221> misc_feature

<222> (450)..(450)

<223> n=unknown

<400> 2982
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 gtccttgggc atcctgggga tctcctctggg cgtggcagcc gtgtncacaa tcancgcant 180
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 aaagcgtgga atcgttancg nctccccaac acgctgaaac ccgattccta ccaagtgacg 360
 ctgagaccgt acctacccc aatgacaggg gctgtacgtt tttaaagggt ccagcaaccg 420
 tccgtttcac ctgcaaggag ggccactgan gtcac 455

<210> 2983

<211> 493

<212> DNA

<213> homo sapiens

<400> 2983
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 tggccctgga gctgggcttc cctgagatca gccccagggc actgggagac aggtgccatg 180
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 gtcctcagga actagactgg ctcacaggca gagagaacgt gggctggaga ctttgtcctt 300
 gaggggagga cactggtgcc tcgggctcca ggaatggagg ccctgcacca gccgctggga 360
 tggacacatg tgggcacctt gcatcggggc cgggtgactt caagggtggt ggactatttg 420
 ctgttttctg tgaacctctg gagcaccacc tccttggtct ccttcaccca cttgatgttg 480
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<210> 2984

<211> 454

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (386)..(445)

<223> n=unknown

<400> 2984

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tcttgtccgg ggccagggcc aggactcagc cagtcccatc cggaccacac acacggggca      180
ggtgctgggg agtcttgtcc atgtgaaggc cgccaatgcc ggggtccaaa ccttcctggg      240
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atcttgaggt ggtgtgaggg atggaaccac ccatccggcc atgtgtctac aggacctcac      360
cgcagtggag tcagagtttc ttagcnagtt caaacatgac cttcccttcc gnactccatg      420
nctgangnat gcttgtaact tcagnatcta cacg                                     454
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<210> 2985

<211> 419

<212> DNA

<213> homo sapiens

<400> 2985

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cctcctcccc ggcacaggga gctacagctc tgtgtgtctc tcttcaggct cctcgagctc      180
ctggatcttt tggggcagcg ccttcttcca gaactggagc ctgtgggcct tcagagcccg      240
gccacccgca gctgtagggt cagctgcagg tattgctcct cctggtcgaa cagcggccag      300
tgtggcagac cctcgccatt ggggttccca tttctcgaa agttggccca gtacttcac      360
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<210> 2986

<211> 481

<212> DNA

<213> homo sapiens

<400> 2986

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tcgggacgac. acccagcggtt tatgggggtg ctggaggccg gggcatccgc atctccaact      180
ccagacacac ggtgaactat gggagcgcgc tcacaggcgg cggggacctg tttgttggca      240
atgagaaaat ggccatgcag aacctaaatg accgtctagc gagctaccta gaaaagggtgc      300
ggaccctgga gcagtccaac tccaaaactg aagtgc aaat caagcagtgg tacgaaacca      360
acgccccgag ggctggtcgc gactacagtg catattacag acaaattgaa gagctgcgaa      420
tcagattaag gatgctcaac tgcaaaatgc tcggtgtgtc ctgcaaattg taatgctaaa      480
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<210> 2987

<211> 412

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (10)..(410)

<223> n=unknown

<400> 2987

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gacaaaagca tgatgnntag acancacnnn ccagtgttag tctacnatta acttgtggta      180
catgtctgaa ttaagtattg nacaacaact ttaatttttc acaatgtcgc agaacncaaa      240
ataatatattt aaaaaaatta cttcaaactc gcatttcaac agtctccaat tttttttctg      300
tnnnttgagg aattcggaca acatggagtc gctttctttc nctaagtatt ccagangtag      360
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<210> 2988
 <211> 514
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (156)..(156)
 <223> n=unknown

<400> 2988
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 ttctgggtgg ccaaaccagt taccaatctg ctgganaccc aaaagaagat gaactctatg 180
 aagcagccat aatagaaact aactgcattt, accgtctcat ggatgacaaa cttgttcctg 240
 atgacgacta ctgggggaaa attccgaagt gctcccttct gcaacccaaa gaggtactgg 300
 tgtttgattt tggtagttaa gtttacgtat ggcattggaa agaagtcaca ttagcacaac 360
 gaaaaatagc atttcagctg gcaaagcact tatggaatgg aacctttgac tatgagactg 420
 tgacatcaat cccctggatc ctggagaatg caatccgctt atccccagaa aaggacaggg 480
 gcggcccgac tgggcatat ttgggagact tact 514

<210> 2989
 <211> 296
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (113)..(113)
 <223> n=unknown

<220>

<221> misc_feature

<222> (288)..(288)

<223> n=unknown

<400> 2989

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ctccaaggac agcagcacca ccttggtggag tacatggaac gccgactagc tgctttagag      180
gaacggctgg ccagtgcca ggaccagagt agtcggcatg ctgctgagct gcgggacttc      240
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<210> 2990

<211> 575

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (538)..(572)

<223> n=unknown

<400> 2990

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cctgtccctt gggcctgccc gcatacaagg ttagagccct gggctctgggg catccttagc      180
ctgaaatttg ttgacatggg gcaggagagc aggaggggaac attgaggggtt ttgactcttc      240
gggctctaaa aggattactc aggatctgga gttccgtatg aaacaaagga gctgaaagaa      300
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aatgaggaac aagaaattta gtggggatat aatataaatg tatgggagtg agaaagatgc      420
aaaaaacaag gctagctcct caaacctcct cctctttctt cctcatctcc agcttataga      480
caatctggta gccatcatcc caggcataga gctggcggtc tcgggggtta tagcggangc      540
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575

<210> 2991

<211> 400

<212> DNA

<213> homo sapiens

<400> 2991

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gacacaacta cttctccccc cagatagttc ttccctggac acatctattc attcccttag	180
attctggggt caattgcttc tcctctcaaa cactctcaat tactcctctg aatctagctg	240
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ttaagcccag ttaaccccct tcactagctt ctctcccagc tatcttcccc tggatcagat	360
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<210> 2992

<211> 509

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (14)..(127)

<223> n=unknown

<220>

<221> misc_feature

<222> (348)..(502)

<223> n=unknown

<400> 2992

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aggcangaga cggtgcccgg ngagtggggg cggcagcttg ccactggctg gccatgcggg	120
cgggcangct agacattctt gccgcgcagg cgcagttcgt ggcgtcgcag gtggtttag	180
agcgactgca cataggtgaa gacacacttg gggtcaggct tcttgcccat gatcatcatg	240
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agctgcgggc agtccgcagt ggtctcngc agatganaag gccncctcga agttcttggc	480
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<210> 2993

<211> 381

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (226)..(372)

<223> n=unknown

<400> 2993

ttgatgtacc acattcaaca gctgggcaag ttttaaggagc cccatgcagc gttctacg	60
gcagaaatcg ctatcggcct cttcttctt cacaatcagg gcatcatcta cagggacctg	120
aagctggaca atgtgatgct ggatgctgag ggacacatca agatcactga ctttggcattg	180
tgtaaggaga acgtcttccc cgggacgaca acccgcacct tctgcnggac cccggactac	240
atagccccgg agatcattgc ctaccagccc tatgggaagt ctgtcgattg gtggctcttt	300
ggagttctgc tgtatganat gttggcagga cagcctcct tcgatgggga ggacgaggag	360
gagctgtttc angccatcat g	381

<210> 2994

<211> 440

<212> DNA

<213> homo sapiens

<400> 2994

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gagaggctaa gggaagagga ggggaggagg agagtcccag agagtggcag gcactggggg 60
gagttggggg ggggccgagc cagacaggag ccatgcacgg caggcgggct gcggggagaa 120
gtgatggctt cgggatgggg aagtctagaa caaaagctga ttgggagcct ctggggaaag 180
aatcctccat atatcccaga aatccccaga gcacagcagc gggacgtact ggaggagggg 240
ggcacgcctc ccactcatct agaactagag tggaggcggg gaggctcgga ggccgagggc 300
tggttctgaa cctgagtctg gaacagccaa ccccgtagag ctatttcccc aggggagggg 360
tctgggggga ggcacagaac taccaagatg gagtctcgaa ccccatggag ttggggatgg 420
ttagtggtgt ggtctctgga 440
```

<210> 2995

<211> 256

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2) .. (128)

<223> n=unknown

<400> 2995

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gannnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
nnnnnnnnag gatatagcta tttttcttcc tctatcaacc aaatggtaag catctatttt 180
gtagtccact ctactgagct aaattataga tccagctatg ctatttataa ttattttctt 240
gatgaataaa ttttcc 256
```

<210> 2996

<211> 398

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (356)..(356)

<223> n=unknown

<400> 2996

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ggctcatcct gcctgtgggt ttgattgcta ccactcttgc aattgctcct gtccgctttg 60
acagggagaa ggtgttccgc gtgaagcccc aggatgaaaa acaagcagac atcataaagg 120
acttggccaa aaccaatgag cttgacttct ggtatccagg tgccaccac cacgtagctg 180
ctaatatgat ggtggatttc cgagttagtg agaaggaatc ccaagccatc cagtctgcct 240
tggatcaaaa taaaatgcac tatgaaatct tgattcatga tctacaagaa gagattgaga 300
aacagtttga tgtaaagaa gatatcccag gccaggcaca gctacggcaa aatacnaata 360
attgggaaaa agattgtggc ttggactgaa aagatgat 398
```

<210> 2997

<211> 590

<212> DNA

<213> homo sapiens

<400> 2997

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acatggtgaa aatctgtgag aaactgaggg ttttcatttg ttttctgtgc cccactgtat 60
atcacctttc aaaataatgc tttctgctgg gtccaaactt cacttggagc aaagaaaggt 120
agttaaaagg ttccacttaa agctacttcg ttatggtgct actgaaagta agtaaaagca 180
aacagcagta acatgggact taaatgagca agagaaggat tcaggtgaaa tagaagctgc 240
atttggggat aactgaagat tgactttctg atgaaaggca caaaaagga ttaattggct 300
tattccaaac agagggcagt tctttaggaa gtatgcttga ggatatactt ggcaataaat 360
ttgacagcta gcatggtctc tctgcacgtt ggctttatcc gggattctgg aaggagaaaa 420
ccaaatttgc ctttatctcg gagctcaaag gcaaattgtg gtttgatgcc caggtcataa 480
gccagctcta aagaagaacc tgatatcggg taaattgttg attctattgg gccatagatg 540
tagcgggggt catatcgagt tgatagaaca tcagtgccaa tctttgcaac 590
```

<210> 2998

<211> 507

<212> DNA

<213> homo sapiens

<400> 2998

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gcagcatctt cgaccgagag gaccaggcca gccacgggc cggcagcctg gcggcgctcg      60
agaaacggca ggccgagaag aagaaagagc tgatgaaggc gcagagtctg cccaagacct      120
cagcctccca ggcgcgcaag gccatgattg agaagctgga gaaggagggc gcggccggca      180
cgtcgacatc cagaacttct cctccagctg gagtgatggg atggccttct gtgccctggt      240
gcacaacttc ttccctgagg ccttcgacta tgggcagctt agccctcaga accgacgcca      300
gaacttcgag gtggccttct catctgcgga gacccatgcg gactgcccgc agctcctgga      360
tacagaggac atgggtgcggc ttcgagagcc tgactggaag tgcgtgtaca cgtacatcca      420
ggaattctac cgctgtctgg tccagaaggg gctggtaaaa accaaaaagt ctaaccctg      480
ctcggggccc cacggattgc tgggtgga                                     507
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<210> 2999

<211> 513

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (75)..(233)

<223> n=unknown

<220>

<221> misc_feature

<222> (335)..(486)

<223> n=unknown

<400> 2999
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 gagtggggggc ggcanccttgc cactggctgg ccatgcgggc gggcaggcta gacattcttg 120
 ccgcgcaggc gcagttcgtn gcgtcgcang tggttntaga gcgactnnac ataggtgaag 180
 acacacttgn ggtcaggctt cttgcccatt atcatcatgt ngctccanctc nancaggggc 240
 acacagtcca ccagcatccg tggggccccc agcagggggt aggacttttt ggtttttacc 300
 agcccccttct ggaccagaca gcgggtaaga attcntggat gtnacgtgta cangganttc 360
 cagtcaagnt ctggaagccg naccatgtcc tctgtatcca ggagctgcgg gcagtcgcga 420
 tgggtctccg cagatgagaa ggcnnccctcg aagttctggc gtcggttctg agggntaagn 480
 tggccnatag tcgaaggcct caggggaagaa gtt 513

<210> 3000

<211> 466

<212> DNA

<213> homo sapiens

<400> 3000
 caagaaagca ttttctcgcc agaacatcga gaaaaagatg aacaagctgg ggacaaagat 60
 cgtatctgta gagaggagag agaagattaa gaaatctctc acgtcaaadc accagaaaat 120
 atcctcagga aaaagctccc ccttcaaggt ttctcccctc actttcgggc ggaagaaagt 180
 ccgagagggga gaaagccatg cagaaaatga gaccaagtca gaagacctgc ctagcagtga 240
 gcagatgcca aatgaccagg aagaggagtc ctttgacagag ggtcatctccg aagcgtccct 300
 cgccagcgct ctggtggaag gggaaattgc agaggaggct gctgagaagg cgacctccag 360
 ggggagtaac tcggggatgg acagcaacat cgacttgact attgtggaag atgaagagga 420
 ggagtcagtg gccctggaac aggcacagaa ggtacgctat gaggggt 466

<210> 3001

<211> 515

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (422)..(422)

<223> n=unknown

<400> 3001

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catgttattc caggatatac gaacttcttt agtattttta tttaaagagt gaaatagtta      120
agctactatt gtaagtattt tactttcaag cacatacatt ttttctctgt tttcattctt      180
ttcggcattc tttgttttct gtttctctca ttttccaaat tttctttctt actttttgaa      240
tagtcctgac tttactacgt atcttacttc attagctgac ttttataatc tcttcatttt      300
tccttcgttt gcaataaaac aatgggttct agcaagtaaa caaccaactg atcatctctt      360
tttacctttc gtagatgttt tctcttaaaa catatagtat atgttttagct acatatttat      420
gnatatatat atccacactt aaagaataat aattaggatt cacagagtac ggtgggaata      480
ccatatatta ccgggacact attcagcaag cttat                                     515
```

<210> 3002

<211> 406

<212> DNA

<213> homo sapiens

<400> 3002

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caagatgggc ttgaaaggcc ctttgaagac cccaatagca gccggtcacc catctatgaa      60
tttactgctg cgcaaaacat ttgaccttta cgcgaaatgtc cgaccatgtg tctctatcga      120
aggctataaa accccttaca ccgatgtaaa tattgtgacc attcgagaga acacagaagg      180
agaatacagt ggaattgagc atgtgattgt tgatggagtc gtgcagagta tcaagctcat      240
caccgagggg gcgagcaagc gcattgctga gtttgccttt gagtatgccc ggaacaacca      300
ccggagcaac gtcacggcgg tgcacaaagc caacatcatg cggatgtcag atgggctttt      360
tctacaaaaa tgcaggggaag ttgccagaaa gtgtaaagat attaaa                       406
```

<210> 3003

<211> 399

<212> DNA

<213> homo sapiens

<400> 3003

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gcaagcactg cctgtaaagc cctcgcatga gaggccagcc tgctagggaa atccaggaat      60
ctgcaacaaa aacgatgaca gtctgaaata ctctctggtg ccaacctcca aattctcgtc      120
tgtcacttca gacccccact agttgacaga gcagcagaat ttcaactcca gtagacttga      180
atatgcctct gggcaaagaa gcagagctaa cgaggaaagg gatttaaaga gtttttcttg      240
ggtgtttgtc aaacttttat tccctgtctg tgtgcagagg ggattcaact tcaatttttc      300
tgcagtggct ctgggtccag ccccttactt aaaggtaagt tgtaataaat ttacggcatt      360
atcctaattg cattgttaag ctgatttgcg tgatctgat      399
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<210> 3004

<211> 544

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (535)..(535)

<223> n=unknown

<400> 3004

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taagcacaa ctaacattatt gctttatttt agaaaagaga gccagaaatg gtagtacatt      60
ataatatgag ttaccataat ctcttttagct ctttaattct cttctcccat ttttgctttt      120
gtaaataaga cattatcaag aattagagaa attttaggtc tatgtgtgag catcttaaca      180
aatgatagta ggaggcaaaa aataattagt tataaagctg taaaagggaa ccaagaaagg      240
gaaaataatc gcaataactt aaaaataatc aaacaagaat atagtataaa aggagaaatt      300
ttcctacctt ttggaaaagc aaaaagttcc gtttctacat tgctgttagg ctcaggagat      360
tgaataactt tagataattt aaacatggaa aacatacaaa ttatttgatt tgaaattttt      420
tttaaaaact accttcttta tagtttattt catatatgta ataaagtact tctacaaaac      480
acatttcagg attcaggctt cactaagatc tggatgctac tgaggcgta acagntccac      540
atatt      544
```

<210> 3005
 <211> 474
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (381)..(381)
 <223> n=unknown

<400> 3005
 cgcccgagct tctgcagctc ctgccaccag acagtcctac cagcgctgtg gacatcttct 60
 ctgcaggctg cgtgtttctac tacgtgcttt ctggtggcag ccaccccttt ggagacagtc 120
 tttatcgcca ggcaaacatc ctcacagggg ctccctgtct ggctcacctg gaggaagagg 180
 tccacgacaa ggtgggttgc cgggacctgg ttggagccat gttgagccca ctgccgcagc 240
 cagcgcctc tgccccccag gtgctggccc accccttctt ttggagcaga gccaagcaac 300
 tccagttctt ccaggacgtc agtgactggc tggagaagga gtccgagcag gagccccctgg 360
 tgagggcact ggaggcgagg ngctgcgcag tgggtccggga caactggcac gagcacatct 420
 ccatgccgct gcagacagat ctgagaaagt tccggtccta taaaggggac atca 474

<210> 3006
 <211> 123
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (80)..(80)
 <223> n=unknown

<400> 3006
 tgattctgag gccagccaca ggctcagctc ttcagtgagc cagcacggag accatctgtg 60

tggcatccag cccacctcan ctccctgtgg ccccagggca tggcctcctg gctctgagtc 120
 tgg 123

<210> 3007

<211> 219

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (21)..(21)

<223> n=unknown

<220>

<221> misc_feature

<222> (193)..(215)

<223> n=unknown

<400> 3007

agctcacagc cccaaatata natctttctc tggaccaaag tgaaggatct attctctctg 60

atgataactt ggacagtcca gatgaaattg acatcaatgt ggatgaactt gatacccccg 120

atgaagcaga ttcttttgag tacactggcc atgaagatcc cacagccaac aaagattctg 180

gccaagagtc agnntntatn ccagaanata cggngaag 219

<210> 3008

<211> 570

<212> DNA

<213> homo sapiens

<400> 3008

acatttgaat aattttcatg tgtcatgaaa tattcaaaaa aaatttttcc aacccaaaat 60

gtaaaaacca ttcttagctt gcagtggatga gcgagactta gctgtgggtt gccaccccccac 120

ctcactagag gcctacagac ttgaaatctt gttggcattt taaagggcat atgaagacta	180
taaaggaaat attttgtaca tgaaagtaat actcatattt aattttaagc ctatgatcag	240
attacggtgt tttaaagcag atcacttttt ataatgcatg cgagagagga attcatgaat	300
aactgaatgc taccaaata ga tttttgagta ggccaccttg cacttgagtt cttggcactt	360
aaaaggtaac ctctggagct gagtttatgg cctgaaactc agagagctac caaacatgca	420
acacggattc ttaaatttca caatgtggtg gtcaccaaca ttcatacagga aaatgatggt	480
aaaagaccaa ttacataaa atataatgcc caatttgaca actaaaataa agttgacgtg	540
gattagaaag cccggcttcc ctttgagaag	570

<210> 3009

<211> 254

<212> DNA

<213> homo sapiens

<400> 3009

gacctgagt gatggacact gcctcttaga actagaactt agaactttat cttgaaaatg	60
taccactgtt gcagaagctc ctacacagagt atgtgtcagg catttttaac ctgctaaagg	120
caagaagaag tgtttaccac atagttgcaa aggtcttcaa cttgccacag ccaacagaaa	180
aatcaaaatg attgaaccct ttgggaatca gtatattgtg gccaggccag tgtattctac	240
aaatgctttt gagg	254

<210> 3010

<211> 463

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (451)..(451)

<223> n=unknown

<400> 3010

agagatgaca ctgactgggc ccatcaggac agtgctcagg ctggagaagt ggatcacacc	60
---	----

ttgttgggac aatgcacagg tgccggctac ttcatgcagt tcagcaccag ctgggggtcc	120
gcggaagagg cagccctact ggagtctcgg attctttacc caaagaggaa gcagcagtgc	180
ctgcaatddd tctataaaat gacgggaagt ccttcagaca gactcgttgt ctgggtcagg	240
agggatgaca gcacaggcaa tggtcgcaag ttggtgaagg tgcagacttt tcaaggagat	300
gatgaccaca attggaaaat tgcccatgtg gtgctcaaag aggaacagaa gtttcgctac	360
cttttccagg gcacaaaagg cgaccctcag aactcaactg ggggaattta cctagatgac	420
atcactctga cagaaacccc ctgccccaca ngggtctgga cag	463

<210> 3011

<211> 353

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (124)..(323)

<223> n=unknown

<400> 3011

acaagtgatt tacaatgaag tgtgatgagt gttgtcacag gacacactag atacattagg	60
agcacatagc aaagtaacat aattatgtgg ggcagagaga tgacaagggc cacacatggg	120
gctngangcc ntagtccttn gangtcctat ncnagcnaa ggntnttaaa aaanttnccc	180
caaattgnnt tnancatggg aaanttaagg cntnnntgga ggaggtncctg ctgtgggtctg	240
gccaatgccg gnaggnaggt nacttccttg gcctttggga aaggatggcg atgatggaga	300
aggtcaagaa gatcacgccg gcnatgcctc cgatcaccat gccaggaca ctg	353

<210> 3012

<211> 22

<212> DNA

<213> homo sapiens

<400> 3012

cggagacagg ctatgagtct ga

22

<210> 3013

<211> 22

<212> DNA

<213> homo sapiens

<400> 3013

gccagcaacc tacatgaact tg

22

<210> 3014

<211> 22

<212> DNA

<213> homo sapiens

<400> 3014

cgacatgctg ggagattaca tc

22

<210> 3015

<211> 19

<212> DNA

<213> homo sapiens

<400> 3015

tgagtctggg cagctgtcc

19

<210> 3016

<211> 21

<212> DNA

<213> homo sapiens

<400> 3016

catcaggttg gagtgcgtct t

21

<210> 3017

<211> 20

<212> DNA

<213> homo sapiens

<400> 3017

ggatcagccc tgaactcact

20

<210> 3018

<211> 21

<212> DNA

<213> homo sapiens

<400> 3018

agacaaggat gccgtggata a

21

<210> 3019

<211> 27

<212> DNA

<213> homo sapiens

<400> 3019

tcaatataga tgattgtgcc atcttct

27

<210> 3020

<211> 23

<212> DNA

<213> homo sapiens

<400> 3020

tgcaaagtct ttgactcctt gct

23

<210> 3021

<211> 26

<212> DNA

<213> homo sapiens

<400> 3021

gtccaaagag ttacttgcaa cagtct

26

<210> 3022

<211> 20

<212> DNA

<213> homo sapiens

<400> 3022

ggcatggttt aggccctggt

20

<210> 3023

<211> 22

<212> DNA

<213> homo sapiens

<400> 3023

ccaagatgca gaggttgatg aa

22

<210> 3024

<211> 24

<212> DNA

<213> homo sapiens

<400> 3024

ccgtttatgg gtagacatct ttgg

24

<210> 3025

<211> 19

<212> DNA

<213> homo sapiens

<400> 3025

gccatgccag cctttctgt

19

<210> 3026

<211> 22

<212> DNA

<213> homo sapiens

<400> 3026

agctagaagg gctggagaat gc

22

<210> 3027

<211> 25

<212> DNA

<213> homo sapiens

<400> 3027

ggtacaaatt atttggtcg acttc

25

<210> 3028

<211> 21

<212> DNA

<213> homo sapiens

<400> 3028

tgatgcaatc acacgggaac t

21

<210> 3029

<211> 25

<212> DNA

<213> homo sapiens

<400> 3029

catggcatgg ttagaagctc tatct

25

<210> 3030

<211> 23

<212> DNA

<213> homo sapiens

<400> 3030

cgttctctcc attgcttggt agc

23

<210> 3031

<211> 21

<212> DNA

<213> homo sapiens

<400> 3031

tcaaggagc caagagctct t

21

<210> 3032

<211> 20

<212> DNA

<213> homo sapiens

<400> 3032

gacagcaagg tgcctcagt

20

<210> 3033

<211> 22

<212> DNA

<213> homo sapiens

<400> 3033

tgtctgcgaa gaaggctagg ag

22

<210> 3034

<211> 20

<212> DNA

<213> homo sapiens

<400> 3034
tcaagatccg tgctcgagt

20

<210> 3035

<211> 22

<212> DNA

<213> homo sapiens

<400> 3035
gttcagcgta catccggaga ct

22

<210> 3036

<211> 19

<212> DNA

<213> homo sapiens

<400> 3036
ttgtcatccg tcttctgac

19

<210> 3037

<211> 20

<212> DNA

<213> homo sapiens

<400> 3037
cgtaagcagt atggctccaa

20

<210> 3038

<211> 22

<212> DNA

<213> homo sapiens

<400> 3038

acccaaactc cacaaagcca tt

22

<210> 3039

<211> 22

<212> DNA

<213> homo sapiens

<400> 3039

cccttcgaag taagtccaac ga

22

<210> 3040

<211> 22

<212> DNA

<213> homo sapiens

<400> 3040

gacagtcaca gcagccttga ca

22

<210> 3041

<211> 21

<212> DNA

<213> homo sapiens

<400> 3041

tgcagatcct gaggatgcta c

21

<210> 3042

<211> 22

<212> DNA

<213> homo sapiens

<400> 3042

gtggaggaca gaaagccaag tg

22

<210> 3043

<211> 21

<212> DNA

<213> homo sapiens

<400> 3043

tggtctcgg tttctctgct t

21

<210> 3044

<211> 20

<212> DNA

<213> homo sapiens

<400> 3044

tggttgatc aagggcctta

20

<210> 3045

<211> 22

<212> DNA

<213> homo sapiens

<400> 3045

agaagagctg ccaggaagtg tt

22

<210> 3046

<211> 21

<212> DNA

<213> homo sapiens

<400> 3046

tggaacacag caaacacct t

21

<210> 3047

<211> 21

<212> DNA

<213> homo sapiens

<400> 3047

ttctgaggca ttaagccagc a

21

<210> 3048

<211> 21

<212> DNA

<213> homo sapiens

<400> 3048

tgaagtcaaa ctgccacatt c

21

<210> 3049

<211> 20

<212> DNA

<213> homo sapiens

<400> 3049

tgagaactgc ggctgttctg

20

<210> 3050

<211> 23

<212> DNA

<213> homo sapiens

<400> 3050

agaggctttg tcactcagca aga

23

<210> 3051

<211> 24

<212> DNA

<213> homo sapiens

<400> 3051

ctggactgct acctttcaaa gctt

24

<210> 3052

<211> 22

<212> DNA

<213> homo sapiens

<400> 3052

cgaggcgatg acatagttca ca

22

<210> 3053

<211> 20

<212> DNA

<213> homo sapiens

<400> 3053

ttgtccctgt ccctctctct

20

<210> 3054

<211> 20

<212> DNA

<213> homo sapiens

<400> 3054

tgaagtcac ctgggcatct

20

<210> 3055

<211> 23

<212> DNA

<213> homo sapiens

<400> 3055

cacgtttatg agttgaactt ctc

23

<210> 3056

<211> 18

<212> DNA

<213> homo sapiens

<400> 3056

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Pro Gln Glu Ala Leu Ser Asn
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Ser Phe Pro Asp Leu Ser Asn
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Ser Asn Ser Asp Leu Ser Asn
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Thr Thr Ala Val

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Pro Tyr Val Thr Val Leu Lys Ser Trp Ile Ser Glu Val Glu Ala Asp
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Leu Lys

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Glu Ile Lys Asn Ser Phe Lys Asn Asn Tyr Glu Lys Ala Leu Lys Gln
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Tyr Asn

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Pro Lys

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Met	Asn	His	Ile	Val	Gln	Thr	Phe	Ser	Pro	Val	Asn	Ser	Gly	Gln
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Met Ser His Thr Val Gln Thr Phe Phe Ser Pro Val Asn Ser Gly
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Glu Met Leu Lys Glu Glu Gln Glu Val Ala Met Leu Gly Gly Pro
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Lys Ser Arg Asp Arg Lys Met Val Gly Asp Val Thr Gly Ala Gln
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20           25           30
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Ser Gly Phe Leu Leu Phe Arg Ser Leu Pro Arg His Thr Phe Gly Leu
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35

40

45

Val Gln Ser Lys Leu Phe Pro Phe Tyr Phe His Ile Ser Met Gly Cys
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Ala Phe Ile Asn Leu Cys Ile Leu Ala Ser Gln His Ala Trp Ala Gln
 65 70 75 80

Leu Thr Phe Trp Glu Ala Ser Gln Leu Tyr Leu Leu Phe Leu Ser Leu
 85 90 95

Thr Leu Ala Thr Val Asn Ala Arg Trp Leu Glu Pro Arg Thr Thr Ala
 100 105 110

Ala Met Trp Ala Leu Gln Thr Val Glu Lys Glu Arg Gly Leu Gly Gly
 115 120 125

Glu Val Pro Gly Ser His Gln Gly Pro Asp Pro Tyr Arg Gln Leu Arg
 130 135 140

Glu Lys Asp Pro Lys Tyr Ser Ala Leu Arg Gln Asn Phe Phe Arg Tyr
 145 150 155 160

His Gly Leu Ser Ser Leu Cys Asn Leu Gly Cys Val Leu Ser Asn Gly
 165 170 175

Leu Cys Leu Ala Gly Leu Ala Leu Glu Ile Arg Ser Leu
 180 185